

THE JOHNS HOPKINS NEWS-LETTER



VOLUME CXII, ISSUE 4

PUBLISHED SINCE 1896 BY THE STUDENTS OF THE JOHNS HOPKINS UNIVERSITY

SEPTEMBER 27, 2007

WWW.JHNEWSLETTER.COM

INSIDE THIS ISSUE



ARTS

• Sit down and listen to some of Baltimore's best **storytellers** at The Stoop, **B4**.



YOUR N-L

• **Internships** can be more than taking lunch orders and making copies. We tell you how to survive one, **B8**.



SPORTS

• Fantasy **football** becomes a reality with our Sports Editor's weekly updates, **B11**.



SCIENCE

• Are you getting enough **vitamin C**? If not, try eating some delicious oranges, **B6**.

THE JOHNS HOPKINS NEWS-LETTER

Editorials A10 Science B6
Opinions A11 Your N-L B8
Calendar B2 Cartoons B9
Arts B3 Sports B10

Main Phone Number •
410.516.6000
news.letter@jhu.edu

Business/Advertising •
410.516.4228
business@jhnewsletter.com

http://www.jhnewsletter.com



SHIV GANDHI/STAFF PHOTOGRAPHER

Residents of East Baltimore aired their grievances with the ongoing construction in their neighborhood at a meeting last Tuesday. The area has been affected by the building of a biotech park, which has resulted in the removal by the city of over 800 residents from their homes through eminent domain.

Brody named highest-paid Univ. President

By **ANYA REMOLE**
For The News-Letter

President William Brody is the highest-paid university president in the United States, according to a report published by the Chronicle of Philanthropy on Sept. 20. Brody, who in addition to his responsibilities to Hopkins, serves on multiple corporate boards, joined IBM's board of trustees in June.

In 2006, Brody received a salary of

\$1.49 million and \$235,260 in allowances and benefits from Hopkins, according to the report. The Chronicle of Philanthropy noted, however, that \$920,438 of this money was a deferred-compensation benefit from the University. Of all the leaders of the 249 non-profit organizations surveyed for the report, Brody was the third-highest paid. These figures, however, do not include the earnings he receives from sitting on corporate boards, or the earnings he will receive this year from IBM.

"He is a businessman, administrator, physician ... and has been successful at all," said Jerry Schnydmann, Brody's executive assistant and secretary of the Board of Trustees. According to Schnydmann, Brody has the valuable experience of running a large conglomerate. "Johns Hopkins would be a Fortune-500 company if it was for-profit," he said, adding that Brody's experience and insight is what the companies want.

CONTINUED ON PAGE A3



CONOR KEVIT/PHOTOGRAPHY EDITOR

With its expansive parks perfect for play, the neighborhood of Guilford contrasts sharply with many of the surrounding areas.

Just north of campus, Guilford offers tranquility

By **SARAH GRANT**
For The News-Letter

Manicured lawns and Prius-filled garages make a Sunday afternoon stroll through Guilford more like *Desperate Housewives* déjà-vu.

Heading north on St. Paul Street, the urban college town beat of Charles Village transforms into a suburban oasis. Ornate row houses evolve into brick palaces surrounded by vast yards, making the neighborhood look like an out-

of-season Christmas decoration.

The tranquility of the area comes unexpectedly, given its proximity to industrial Baltimore. The gardens, with tulips wavering in the breeze as though Georgia O'Keeffe had painted them herself, seem too stunning to be neglected. Only the crackle of

CONTINUED ON PAGE A8



David Simon, creator of *The Wire*, speaks on culture, Baltimore city

By **LISA DOLAN** and **SAL GENTILE**
News-Letter Staff Writers

Writer, journalist and native Baltimorean David Simon had an interesting take on the theme of this year's Milton S. Eisenhower Symposium in a speech at Shriver Hall Wednesday night. Instead of "Renewing American Culture," he said, he preferred to focus on its collapse.

Simon, a former crime reporter for the *Baltimore Sun*, has gone on to create two critically acclaimed TV shows based on his experiences. He delivered a bleak analysis of the city's political, economic and educational institutions — including Hopkins — and how they fail to serve the public.

"There's a lot for Hopkins to be ashamed of," he said of the Hospital's role in the deterioration of East Baltimore, now the scene of a controversial urban renewal program that has razed dilapidated neighborhoods in favor of a Biotechnology park.

"For 30 years, Hopkins let that place go to [expletive], and didn't

lift an eye," he said. "You want credit for saving it, but you were part of the problem, you really are."

He went on to explain that his current show, *The Wire* — acclaimed by scores of critics for its gritty realism and unique "visual narrative" style — chronicles the

CONTINUED ON PAGE A3



SHIV GANDHI/STAFF PHOTOGRAPHER

David Simon, creator of two critically acclaimed TV shows, focused his speech on the demise of American culture.

EBDI begins Phase II of biotech park construction

Many residents do not to return after initial removal from E. Baltimore

By **SPENCER WILSON**
For The News-Letter

A controversial development project sponsored by the University has started construction on another 57 acres of housing in East Baltimore, while a majority of the 800 residents displaced during the first phase of construction will not be returning to the neighborhood they once called home.

EastBaltimoreDevelopment, Inc. (EBDI) — a consortium of financial sponsors that includes Hopkins, the office of the mayor and the Historic East Baltimore Community Action Coalition — has been clearing neighborhoods to make room for a \$1.8 billion biotechnology park, which the group says will help revitalize the historically-impooverished area.

According to EBDI President and CEO Jack Shannon, 396 of these residents who were displaced by the first wave of construction are now living in different neighborhoods. Of these residents, only 30 own their new homes.

The new housing units built under the first phase of demolition and construction are just now opening back up to residents, said Chris Shea, chief real estate officer for EBDI. "Park View at Ashland Terrace is opening next week. It contains 74 units which are all affordable rentals for

CONTINUED ON PAGE A2

MSE Symposium secures Howard Dean as speaker

By **KATLYN TORGERSON**
News & Features Editor

Former presidential candidate Howard Dean (D-Vt.) was recently added to the fall lineup for the popular Milton S. Eisenhower Symposium.

As Dean is the current chairman of the Democratic National Committee, the Symposium had difficulty scheduling a time for him to speak on campus, according to Publicity Chair senior Jonathan Collins.

"We are very happy that we were able to bring in such a high profile speaker," Collins said.

In the Symposium tradition, Dean's speech will be followed by a question-and-answer session, during which attendees from the Homewood community and beyond are encouraged to challenge the speaker.

"It's one of the few times that we have had an active politician come," Collins said. Dean is being added to a line-up that includes one other active politician, Maryland Gov. Martin O'Malley, who will be speaking on Oct. 10. Dean will be speaking the next evening, and actor Danny Glover will be rounding off the three-day stretch of speakers.

In light of the chaotic schedule, the Symposium has recruited the College Democrats to help with the event. "We wouldn't be able to do it without them," Collins said.

Unlike retired politicians such as Newt Gingrich (R-Ga.), who charged significant fees to speak at last year's symposium, Dean will be speaking free of charge.

"We would like to have everyone on campus come no matter what you think of him," Collins said.

The topic of Dean's speech is, as of yet, unknown.

The Symposium is currently in the process of trying to have the speech broadcast on C-SPAN, as Gingrich's was last year.

Dean has been the chairman of the Democratic National Committee since February 2005, when he replaced Terry McAuliffe. He was a Democratic presidential candidate in 2004, but lost the nomination to John Kerry (D-Mass.). Dean is the former governor of Vermont.

Hopkins makes no changes as homicide count nears 300

By **ALEXANDRA BYER**
For The News-Letter

There have been a total of 19 homicides within only eight blocks of the Homewood campus since the year began, as the homicide rate in Baltimore climbs to historic levels.

Over 220 people have been murdered in the city of Baltimore since the year began. Some have predicted that the increasing murder rate in the City could reach 300 for the first time since 1999.

Despite the number of murders in the area, Executive Director of Campus security Edmund Skrodzki insisted that the campus is safe. "When you look at recent crime statistics for the Northern Police District, where the University is located, you will find a lower crime rate in contrast with other areas of the city," Skrodzki said. "The Homewood Campus and Charles Village proper continue to be among the

CONTINUED ON PAGE A2

NEWS & FEATURES

Residents: company errs during construction

CONTINUED FROM PAGE A1

seniors," he said. According to Shea, around 40 of the 58 leases were signed by returning East Baltimore residents, and the monthly rent will range between \$335 to \$680. Ashland Commons, the next series of residential housing, will not open until December, where removed tenants have currently signed 29 of 45 leases. EBDI has designated these units for working families and has stated that monthly rent will range from \$616 to \$950.

The first phase of construction occurred in a 30-acre area immediately adjacent to the Johns Hopkins Medical Center. Now in the second phase of a three-part process, 86 owners and 171 renters who will be affected by upcoming demolition are hoping to avoid what they see were failures by EBDI during the first construction period.

Those perceived failures were the topics of discussion at a meeting Tuesday night. Leaders of EBDI met with community members for a Relocation and Housing Committee Meeting at the EBDI Community Resource Center, a community gathering space housed in the former Luther Craven Mitchell Primary School in the center of the redevelopment area.

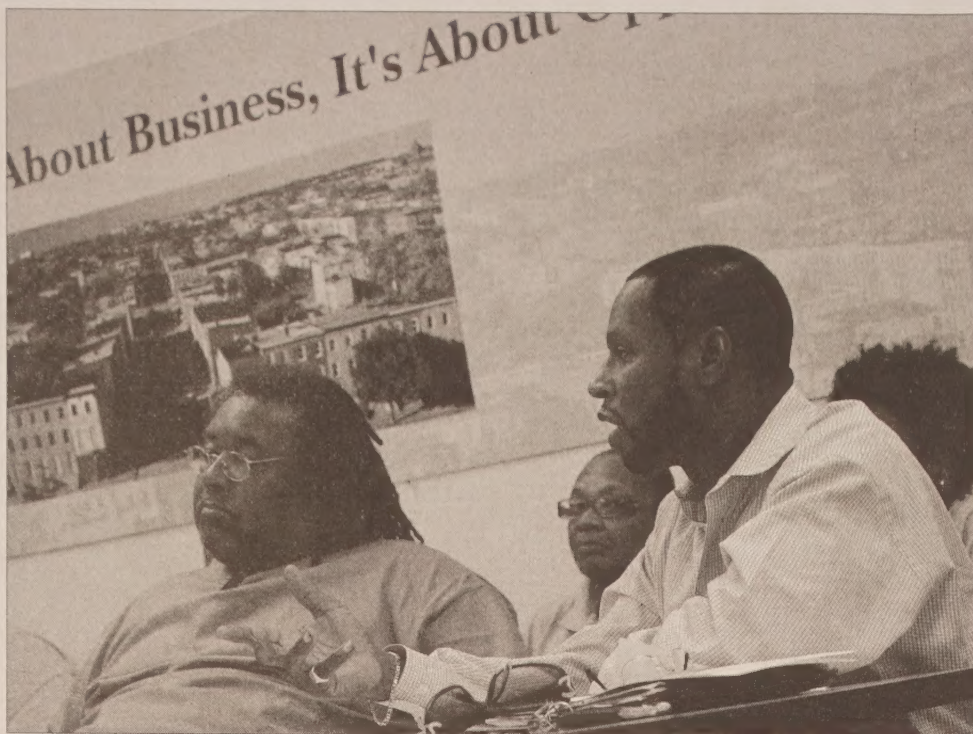
As the meeting began in the brightly lit white cinder block room, about 50 residents sat ready to listen to and question EBDI representatives. What started as a simple PowerPoint presentation became a passionate debate as residents asked questions and made cutting accusations.

One issue that arose was the Emergency Relocation Program offered by EBDI, which allows residents to move up in the queue for being relocated to a new home.

"I applied for an emergency relocation, but I didn't get it," said one older resident who will be relocated in a subsequent phase of the project. "I have a note from my doctor. It says I have a breathing problem. I can't breathe. How come you people rejected me?"

"What counts as an emergency in some people's eyes may not be in another person's eyes," said Doug Nelson, president of the Annie E. Casey Foundation, a non-profit that has been responsible for the relocation of residents to alternative housing during demolition.

According to a July 2003 edition of the Environmental Health Perspective Journal, housing demolition in East Baltimore has been a source of "lead in ambient dust."



SHIV GANDHI/STAFF PHOTOGRAPHER
East Baltimore residents discussed the affects of construction of a biotech park in their neighborhood at a meeting on Tuesday.

At Tuesday's meeting, EBDI officials claimed that all items contaminated with lead paint were removed prior to demolition. Special attention was placed on the careful removal of contaminated debris in order to keep the lead dust levels down.

One resident was not satisfied with EBDI's efforts.

"I have dust piling up outside my door. And when they finally came to clean it up, he just blew it all with his big blower, and it just got worse," she said.

Nia Redmond, one of two community representatives on the EBDI board of directors, passionately called upon EBDI to meet the demands of not only the residents but also the homeless living among the vacant homes.

"We all know some squatters. They are all somebody's children. We have to help these people," she said.

After EBDI removed all of the residents of the 20 acres under Phase One, many homeless broke into the recently vacated properties and moved in, only to be forcibly removed from the houses marked for demolition.

"All these people are being forced out of the neighborhoods, but they have no place to go. They are all being squeezed," Redmond said.

As phase two of the urban renewal program begins, EBDI has a new set of challenges before them. The area to be renovated under the second phase is 57 acres, nearly twice the size of the first development.

In addition the second phase includes a different approach to renovation. Instead of razing all structures within the zone, EBDI will be sparing certain sections of streets as "preservation blocks." These blocks of homes will be spared the wrecking block and will instead be refurbished.

According to Shea, residents of these homes will be "awarded 10 year grants [and] forgiven 10 percent per year over 10 years or when the owner turns 62."

Shea reported to the committee that after a survey of 18 occupied homes in the preservation blocks, most homes will need about \$35,000 for cosmetic improvements such as the replacement or addition of windows, doors, insulation and smoke detectors. Other houses will need \$75,000 for structural improvements such as electrical repairs, increasing the size of bathrooms and stairwells and roof framing replacement.

Construction is not the only hurdle facing EBDI. According to a recently published memo, EBDI needs to acquire additional funding from both public and private resources in order to support the physical redevelopment efforts and the social services that are being provided as part of the project.

The memo also stated that the end goal is to "promote the development of early childhood programs, a community school campus, construction and biotechnology training opportunities and enhance access for minority, women and local business enterprises to contracting and procurement opportunities in East Baltimore."

In the 2006 legislative session, a bill was introduced that would ban the use of eminent domain for economic development. However, the legislation stalled and the Maryland General Assembly adjourned without passing any reform.

Shannon repeated his assertion that the use of eminent domain by EBDI and the City of Baltimore was "fair and equitable" for all parties involved, despite the objections of residents and community leaders.

"The use of eminent domain for commercial purposes is a definite misuse of the powers of eminent domain," said Nathan Sooy, executive director of the Save Middle East Action Committee, Inc. (SMEAC).

Sooy has made it his primary goal to battle for the rights of the residents of the Middle East Baltimore neighborhoods.

SMEAC was formed in 2001 to "aggressively represent the folks who have lived in the community for decades" and is "trying to get the best deal for the residents," Sooy said.

A lack of funding means that SMEAC will not be taking their fight to the courts. "We are an organization with limited resources. If we had unlimited resources we might have fought [in the courts], but we just don't," Sooy said.

According to Sooy, SMEAC relies on donations and volunteer work for funding. "We have received a lot of help from other organizations including the faculty and staff from Morgan State University, from the Community Development Law Clinic from the University of Baltimore Law School and Catholic church organizations," he said.

Though Hopkins has currently contributed five million dollars to support relocation of families, Sooy feels SMEAC has not received enough support from the Hopkins community.

"Johns Hopkins University as an institution really hasn't done anything for SMEAC."

Although development by EBDI will help Johns Hopkins, they aren't involved in helping the residents," Sooy said.

Helen Szablya, director of Communications at EBDI, believes that SMEAC plays an important role in the development process. "There is always a need for a community organization to be active and strong and to fight for what they need," she said.

Shannon echoed Szablya's feelings, stating that SMEAC has done a "noble job of bringing their constituents' concerns to the table so that EBDI could do a better job of meeting the needs of all the residents affected by the redevelopment program."

Other members of EBDI present at the Tuesday meeting included CFO Cindy Swisher and Director of Family Advocacy and Supportive Services Karen Johnson.

Security responds to climbing murder rate

CONTINUED FROM PAGE A1

safest areas in Baltimore City." According to Skodzki, Hopkins will respond to the increase in murders this year the same way they have adjusted to fluctuations in the past.

"Campus Security continually reviews the crime trends and adjusts the deployment of our security forces to increase the safety of the Hopkins students and community," he said.

Skodzki also stated that the risks Hopkins students face are the same as "the security concerns and inherent risks of any large city."

Hopkins security was increased after the murders of two students within a nine-month span.

Christopher Elser was killed in 2004 after being attacked during an altercation at the Sigma Alpha Epsilon fraternity house.

Linda Trinh was killed in early 2005 in her apartment by Donta Allen, who pled guilty to the murder last year.

"We attribute the relatively lower incidence of crime on campus and areas proximate to campus to the multi-layered security presence established over two years ago," Skodzki said.

Though the Baltimore Police did not respond to requests for comment, Skrodzki said that the Campus Safety and Security unit has "an excellent relationship with the criminal investigative section of the Baltimore Police Department."

Hopkins meets daily with BPD criminal investigators, review all criminal activity committed in the neighborhood and work closely providing resources that we have available in solving crimes or resolving crime related issues, Skrodzki said.

Security patrols upper Charles Village 24 hours a day in vehicles, on foot patrols and Segways.

In addition the area is patrolled by seven to eight armed, off-duty armed Baltimore Police Officers and Allied Barton Security bicycle officers.

Security also patrols the northeast section of Remington, but does not patrol Waverly.

"The combined efforts of campus and contractual security, off-duty armed Baltimore Police officers, and state of the art technology has enabled us to be more proactive in crime prevention," Skodzki said.

Individual members of the campus patrol declined to comment, deferring all questions to the office of security.

It was announced on Wednesday that Baltimore police officers have signed contracts that change their work schedules to four-day workweek with ten-hour shifts.

This doubles the amount of police on call during peak crime hours and decreases the strain on officers who used to work in shifts of six days on, two days off.

In a statement on Sept. 21, Mayor Sheila Dixon addressed the subject of the rising murder rate in by saying that she plans on increasing new recruits to the Baltimore Police force from 240 officers to 300 officers per year.

According to an annual report by the Federal Bureau of Investigation, there were 276 homicides in Baltimore in 2006.

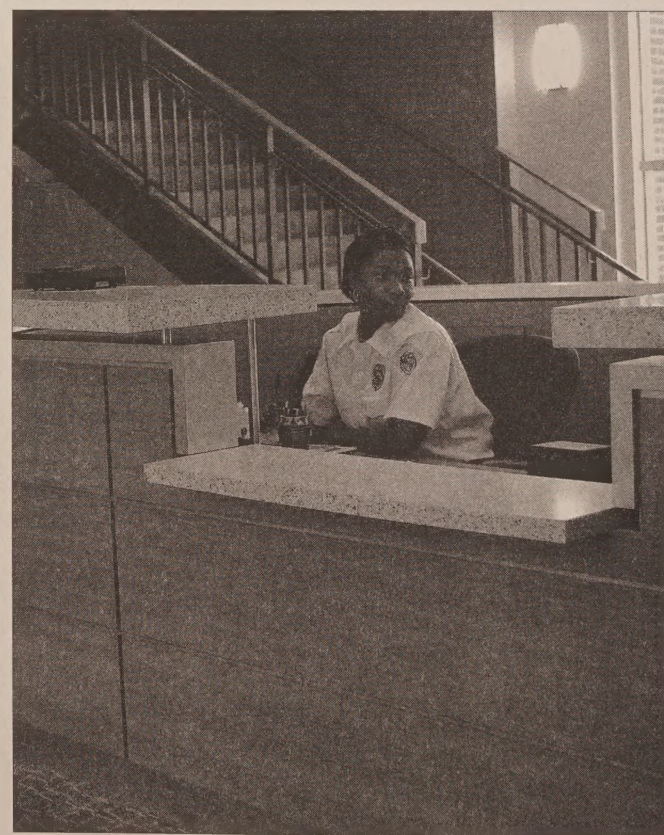
This was seven more murders than in 2005 and exactly the same number of killings as in 2004.

In 1993, when murder rates reached 353, Gov. Martin O'Malley won his campaign for mayor on the promise that he would help reduce the number of murders to 175.

Though the homicide rate did decrease by 15 percent, it rose again in 2003 and has continued to rise steadily.

The Web site "Baltimore Crime" keeps a running tally of the number of murders and other crime in Baltimore.

As of Sept. 24, it says there have been 233 murders in the city. This total contradicts that of *The Baltimore Sun*, which says the homicide rate is at 225.



FILE PHOTO
Security at Hopkins was increased after the murders of two students.

Looking to reach the Johns Hopkins community? Advertise in the JHU News-Letter!

Our talented and experienced staff will help you market your business to the staff, faculty and students of the Johns Hopkins University. The News-Letter offers a variety of advertising options, and we will be happy to help you find the ad that's right for you. We can also design the advertisement for you! If you are interested in classified, black and white, color ads or inserts, contact our business office or check out our Web site, www.jhunewsletter.com, for a rate guide.

Contact our business office:
410.516.4228
Business@jhunewsletter.com

ERRATA

In the September 20 edition, a photo of the Mental Notes acapella group was misidentified.

The News-Letter regrets this error.

Creator of *The Wire* talks TV, Baltimore

Writer and producer of Baltimore-based crime show discusses city's future

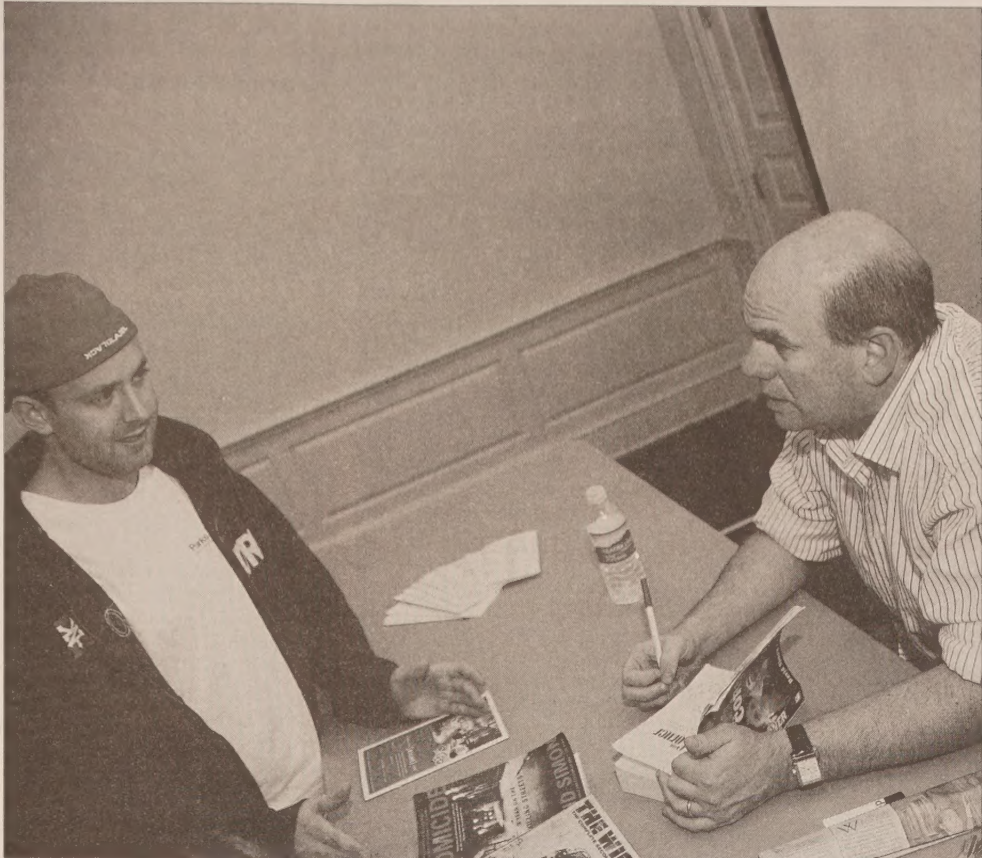
CONTINUED FROM PAGE A1
ravages of unfettered capitalism and a failed war on drugs and how each devalues the lives of poor and middle-class Americans more and more each day. Simon hypothesized that America is going to become a coarser and brutish place; there will be more resentment between classes and more mediocrity within the media because the mass media cannot offend anyone.

But despite this cynicism, he has found in the production of *The Wire* a medium where he does not need to worry about placating the masses; a medium where he can tell the truth, where he can tell his story of Baltimore's inner city life.

The Wire, Simon said, is descent; it's apolitical; it's an angry, dark story. Such a story cannot be told if it is necessary to stop every 12 minutes for commercials. Simon asked about how to tell Americans that they may be worthless in political contexts and their government is no longer a democracy but a plutocracy of money and power if you stop to sell Lincolns every 12 minutes? The answer is, of course, you can't.

However with the introduction of cable and premium cable such as HBO, he realized that he could have a future in television. He could do true storytelling in a virtual media and did not have to worry about appealing to the masses, but rather have the opportunity to portray his message that human beings are worthless; and the degradation of human beings' worth is raw capitalism.

"It's about the triumph of saying you've solved the problem when you haven't even addressed the problem," he said. "Any place that's experiencing the problem



SHIV GANDHI/STAFF PHOTOGRAPHER
In the MSE Symposium tradition, David Simon greets students and community members in a reception following his speech.

of 'two Americas' is watching *The Wire*."

He went on to offer a stark diagnosis of Baltimore — a city of crumbling row houses and a flourishing drug trade alongside pricey development projects and condos.

"You're going to have to go back the last 30 years and undo this disaster brick by brick," he said, calling the rapid deterioration of the city's poorest neighborhoods — and the devaluation of its middle class — a "slow motion holocaust that happens generation after generation."

"The middle class that was really the backbone of the consum-

er class that made us great after World War II, that's what's under siege," he said.

He also offered a strong indictment of the drug trade — one of the central themes of his work — calling it "the worst subversion of our judicial system you could possibly have."

"Your chance of being the victim of violence in this city if you're white is no different than Omaha, Neb.," he said. "There are two Americas."

"There's no politician that has the courage to do what needs to be done to get rid of these draconian drug laws," he added.

Simon's speech was a drastic departure from the previous

MSE speaker, Christopher Hitchens, who spent the majority of his speech berating religion.

Simon spent a significant amount of his speech answering audience questions about Baltimore, especially regarding Gov. Martin O'Malley, who was previously the mayor of Baltimore.

O'Malley will be the next speaker for MSE, followed by newly-added Howard Dean (D-Vt) and actor Danny Glover.

It is a rarity for the symposium to be able to bring in acting politicians, as they tend to have conflicting schedules. O'Malley and Dean, as active politicians, will be speaking at no cost to the school.

Brody is highest paid univ. president, joins IBM board

CONTINUED FROM PAGE A1
"We are delighted that [Brody] will be joining the IBM board, bringing with him extensive experience as a leader of a world-renowned teaching and research institution that will be extremely beneficial to IBM," said Samuel J. Palmisano, IBM chairman, president and chief executive officer of IBM. Palmisano is a 1973 Hopkins graduate and former University trustee. Brody's responsibilities as a member of the board are to work with the other 12 members and to help set the overall policy of the company, Edward Barbini, one of IBM's Media Relations contacts, explained.

While sitting on corporate boards is not one of Brody's official duties as University president, it brings connections between Hopkins and other high-tech organizations and allows for points of contact for collaboration, according to Dennis O'Shea, executive director of the Office of Communications and Public Affairs at Hopkins.

"Hopkins is on the cutting edge of technology," O'Shea said, "and it makes sense to be involved with companies that are the same."

O'Shea said he believes having Brody involved in the leadership of such a technologically advanced company will serve Hopkins well.

"Brody was invited to join the IBM board because of his skills," Schnydmann said. He is "multi-talented," Schnydmann said, pointing to Brody's M.S. and B.S. from the Massachusetts Institute of Technology, and M.D. and Ph.D. from Stanford. Brody has also founded three start-up companies.

Not all of the roughly 3,000 university presidents nationwide are as successful or as in demand as Brody, Schnydmann said, explaining that "presidents who are in demand are well-qualified to advise companies."

Brody is far from the norm

among college presidents, and his appointment brings acclaim to Hopkins because it is a prestigious board, he said.

Brody is also involved with other corporations, based across a wide variety of backgrounds and interests.

According to his profile on the Hopkins Web site, he is currently a trustee of the Commonwealth Fund and of the Baltimore Community Foundation. He is also a member of the executive committee on the Council of Competitiveness, the International Academic Advisory Panel in Singapore, the Baltimore Museum of Art and the selectors committee for the Gold-seker Foundation.

He is also a former member of the President's Foreign Intelligence Advisory Board, the board of the Minnesota Orchestra Association and the Corporation of the Massachusetts Institute of Technology.

"It is a great statement that these many boards seek his participation," Schnydmann said.

According to Schnydmann, Brody is a very sought after person for both profit and non-profit boards.

"He's been in demand for years," Schnydmann said.

Brody turns away most offers, which number about two to four a year, because of the time commitment, Schnydmann said.

According to Schnydmann Brody has "become nationally known for his expertise as an academician, in medicine, in the business world" and has been "extremely successful" at what he has done.

"Over the years, people have taken notice of his important, and in my opinion, accurate views" in many areas, including his tremendous success in managing a university, a hospital and a health office, Schnydmann said.

Brody has also worked very hard to avoid conflicts of interest between the boards he serves on and the University, Schnydmann said.

Two freshmen win Davidson scholarships

By PAYAL PATNAIK
For The News-Letter

By the age of 17, Madhavi Gavini had already discovered what some call a medical breakthrough and Celeste Lipkes assembled a 70-page portfolio reflecting on physical loss. In recognition of these achievements, the two are the first-ever Hopkins students to be awarded the Davidson Fellow Laureate Scholarship.

The Davidson award is given to students under the age of 18 who submit a project that is recognized by experts in the field as significant and as having the potential to make a positive contribution to society.

For her work in literature, Lipkes received a \$25,000 scholarship, while Gavini was awarded \$50,000 for her achievements in science.

The two attended a ceremony at the Library of Congress in Washington, D.C. on Wednesday, when they were officially awarded their scholarships.

"We hope that by serving gifted students, they can achieve goals and be in the forefront of their fields," Davidson Fellows Program Manager Tacie Moessner said.

"We basically award this scholarship to students who have been doing graduate-level work already."

Work like that of Gavini, who started a project two years ago that used traditional Indian medical cures to engineer a method to inhibit the growth of biofilm-forming pathogens.

After a friend was diagnosed with cystic fibrosis, Gavini learned that most victims of the disease die from pseudomonas infections.

Pseudomonas aeruginosa is an opportunistic, multi-drug resistant pathogen that produces biofilms which protect it from antibiotics. The pathogen is a leading cause of death among patients with compromised immune systems, such as those with AIDS, cancer and cystic fibrosis.

Eager to do something to help, Gavini found inspiration in the traditional medicine used by family members.

"I was heavily influenced by

my grandparents since they practiced traditional Indian medicine and I spent a lot of time with them when I was growing up," Gavini said.

She turned to Ayurvedic medicine, an ancient medical practice still common on the Indian subcontinent today, after watching her grandparents work with herbal remedies. She obtained a strain of *Pseudomonas* bacteria from Mississippi State University and began subjecting the bacteria to plant extracts.

As Gavini began researching at both the Mississippi School of Math and Science and Mississippi State University, she could not draw herself away. "I worked after school. I lived at a boarding school and the place was just two minutes away. I'd go there on weekends and on holidays. I

We hope that by serving gifted students, they can achieve goals and be in the forefront of their fields.

—TACIE MOESSNER,
DAVIDSON FELLOWS
PROGRAM MANAGER

was lucky to have access to all the equipment," Gavini said.

By combining traditional Indian medicine and molecular biology to identify *Terminalia chebula* a compound capable of penetrating and inhibiting the growth of the biofilm.

This compound, Gavini hopes, could be used in inhalers and antiseptic sprays to treat millions of people suffering from the chronic infections.

Gavini wants to publish her work to make it public rather than making millions from a patent so that her findings can be openly accessible for use by others.

As Lipkes headed to Washington, D.C. for the first time ever, she seemed more excited about being with her parents for the

first time since heading off to college. "This is the biggest gift, being with my parents," she said.

The Davidson Fellows Program was about to give her another gift in recognizing her success in the field of literature. Lipkes assembled a 65- to 70-page portfolio, entitled *Room to Pace*. Composed mostly of poetry, the portfolio also includes personal essays that reflect on illness, physical loss and family life.

Lipkes, whose parents are both writers, has been motivated by the need to write ever since she first took classes in middle school. "When you write, you please yourself and you please your audience. You do it for fun but you also do it because you feel like you have to," Lipkes said.

"I've been trying to use more science in my writing because I really love biology," Lipkes said animatedly.

"Most people think it's weird that I'm majoring in neuroscience and Writing Seminars, but I don't think it's strange because when you're writing, you're getting closer to how the mind works."

Gavini returned to the lab last summer and is waiting for her data and experiments to be analyzed. She was working on papers about the identification of *Terminalia chebula*'s ability to inhibit the *Pseudomonas* infection, the genes it affects and its mechanisms.

Gavini, who is majoring in molecular and cell biology at Hopkins, hopes to pursue a career in biomedical research.

Lipkes was also recently awarded the Woodrow Wilson Fellowship from Hopkins and a Silver Award in Poetry from The Scholastic Art and Writing Awards. She hopes for a career that involves both science and literature.

The Davidson Fellow Laureate Scholarship was created in 2001 by a wife-and-husband team, Jan and Bob Davidson.

A former teacher, Jan Davidson worked extensively with the creation of the Math Blaster and Reading Blaster computer game series.

The couple created the Davidson Fellow Laureate Scholarship when they saw students succeeding without recognition.

KAUST *Discovery* Scholarship

Full scholarships for science and technology students

The King Abdullah University of Science and Technology (KAUST), a 21st century graduate-level, research university, is offering scholarships for future leaders in science, engineering, and technology.

The benefits of the KAUST Discovery Scholarship include:

- Full tuition at current institution
- Living stipend, book and computer allowance
- Upon graduation, admission and full scholarship for the KAUST master's degree program at the University's Red Sea campus

The KAUST campus opens in September 2009. Highly talented students with one to three years remaining in first university degree programs can apply now.

Visit www.kaust.edu.sa/discovery, or email scholarships@kaust.edu.sa.



CONTACT:
KAUST Scholarships c/o IIE
520 Post Oak Boulevard, Suite 740
Houston, TX 77027
Phone: 713.621.6300 x23

NEWS & FEATURES

Cicerone addresses Hopkins on climate change

By SARAH SABSHON
Arts and Entertainment Editor

This past Monday, Hopkins hosted Dr. Ralph J. Cicerone, the president of The National Academy of Sciences, as part of the George S. Benton Lecture Series.

Cicerone, one of the most prominent atmospheric scientists in the world, addressed climate change and its effects on the earth, issues that have been at the forefront of everyone's mind in recent months.

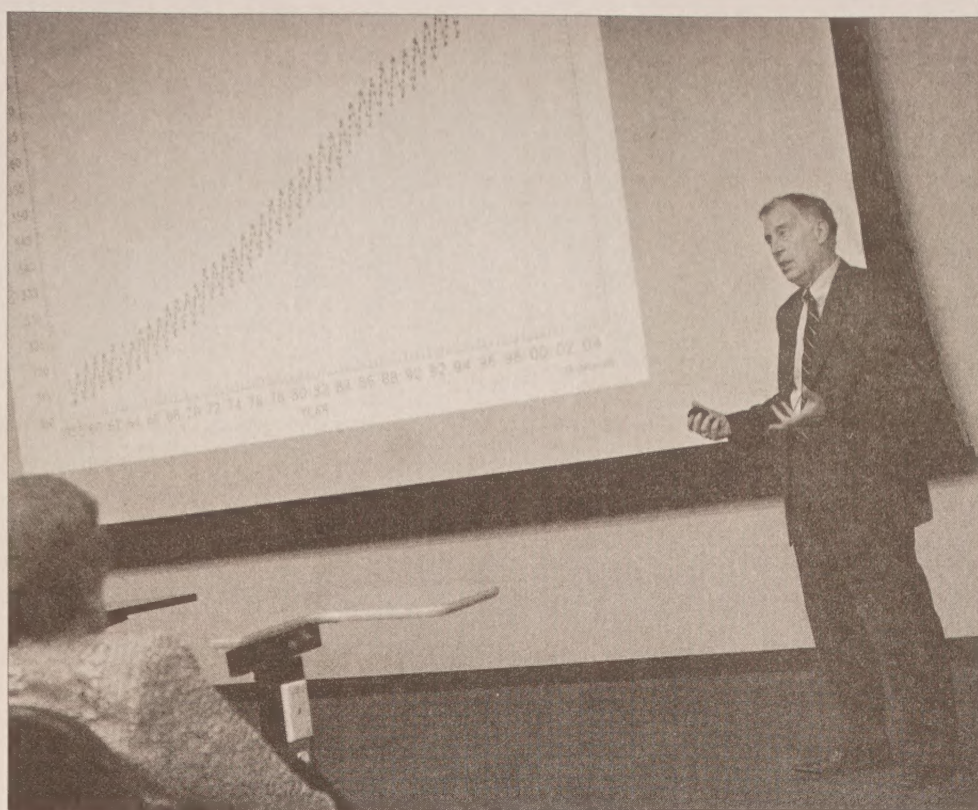
The frigid Hodson auditorium was about two-thirds full Monday evening. The audience consisted mostly of graduate students and professors chatting about their various research projects. Cicerone took the podium at around 5:15 p.m., presenting his topic of the evening — "Global Climate Change: Human Causes and Responses."

Cicerone started the evening off with a brief tribute to George Benton, the namesake of the lectureship and mentioned that it would've been Benton's birthday on exactly that day. Cicerone smiled when speaking of Benton's time at a laboratory in Boulder, Colo., during the heyday of planetary sciences.

The lecture formally began with an explanation of the ratios of energy given off by the sun and maintained around the Earth's atmosphere. Cicerone explained how the greenhouse effect, the phenomenon that traps heat close to the Earth, is essential to life on this planet — without it, the Earth's surface temperature would be kept at the freezing point. The greenhouse effect is due to a certain amount of CO₂ that is present in the air. Since 1958, however, CO₂ concentration has risen over 25 percent. At this point, there is 40 percent more CO₂ in the atmosphere than ever before in the history of this planet.

"For all of you who saw *An Inconvenient Truth*, Al Gore couldn't reach how high the CO₂ levels were ... so he had to reach up and jump," Cicerone explained and proceeded to jump up and down. A chuckle rippled through the attentive listeners.

The excess CO₂, Cicerone explained, comes from the burning of fossil fuels, namely coal, petroleum, and natural gases. About 2.12, 2.98 and 1.18 billion metric tons of CO₂ are produced annually from the burning of these fossil fuels, respectively. 2.32 billion tons of that CO₂ come solely from the creation of electricity. Cicerone pointed out that hydroelectric energy's annual



Cicerone, president of The National Academy of Sciences, addresses man's impact on the climate, in the Hodson auditorium.

net CO₂ output is zero.

The huge amounts of CO₂ are also affecting the sea levels. Over the past 100 years, sea levels have been increasing at a rate of about 15 millimeters per decade. However in the last decade, the sea level rose 30mm. Cicerone admitted that over the last few years, the use of new technology that can more accurately measure changes in sea level may have somewhat affected the data. But he maintained that the difference is so large that there must be another culprit.

Many of the less-informed might not know about some of the details of climate change, but nearly everyone has heard about the melting of the glaciers. When you look at maps of the ice caps, Cicerone said, "Just saying, 'uh, yeah, it sure looks like less ice' isn't enough. What's going on is a lot more complicated." Four years of data from new GPS satellites are much more detailed. Sea ice decreased 40 percent over a 40-

year period, but in the last two to three years, the decrease has accelerated.

"The last 40 years are special because we can finally show, in the precise detail, if the strength of the sun is decreasing ... The solar output is periodic with an 11-year cycle. The sun is not getting stronger. The Earth isn't getting warmer because of the sun. The greenhouse effect is due to human production and it is large, sustaining and growing."

Cicerone stressed that if the world continues its CO₂ production in its current manner, the Earth's temperature will rise to life-decimating levels. Producing a chart of what could happen in the

next few years, Cicerone said, "I just don't want you to say that I stood up here with a bunch of computer models. I have just one." This was in keeping with Cicerone's overall manner of explanation. Despite being in the presence of field experts, Cicerone used clear, simple terms to

describe the situation and avoided potentially confusing jargon.

Each year there is a two percent growth rate in energy consumption in the world. If this continues, the next 20 years will see a 50 percent growth rate. Most of the energy needs are arising in new economic frontiers like China and India.

According to Cicerone, the best solution to the energy problem is to maximize energy efficiency and also develop new sources of clean energy. This might seem like a daunting task but Cicerone pointed out that "there are some grounds for optimism," especially considering California's recent efforts to level off energy use.

"It's a no-brainer to work on energy efficiency. I don't see how anyone could be opposed," Cicerone said. A more energy-efficient country would decrease dependence on foreign oil (cars and trucks alone in the United States use 5.5 million more barrels per day than are domestically produced), improve national security, decrease trade deficit, decrease air pollution, increase national competitiveness and encourage development of new products for the global market.

Cicerone finished his presentation in a timely matter, allowing the audience to ask questions and ponder the best possible way to reduce CO₂ emissions, leaving the planet a little cooler and a little less threatened.

Critical of Presidency, Prof. Ginsberg and Crenson unite

By ROSS LINKER
For The News-Letter

Matthew Crenson and Benjamin Ginsberg, professors of political science at Hopkins, recently collaborated on a book criticizing the changing role of the U.S. presidency.

Presidential Power: Unchecked and Unbalanced, is the second book the professors have written together. The goal of the book is to open the public's eye to the presidency's gradual deterioration, over the course of history, into an imperialistic power.

"Each president is worse than the one before," Ginsberg said.

Presidential Power: Unchecked and Unbalanced was written as a sequel to their first coauthored book, *Downsizing Democracy: How America Sidelined Its Citizens and Privatized Its Public*, in which Ginsberg and Crenson discussed the implications of reduced public participation in politics. However this new work takes their arguments one step further and paints for the reader a bleak picture in which presidents slowly but surely gain more and more power with both the public at large and other political institutions doing nothing to prevent it.

Crenson and Ginsberg decided to jointly write this new book not only because of the recent abuse of the executive office by the Bush administration but also because the recent trend of presidents gaining power needed to be brought to light.

"This has been building now for at least 50 years," Ginsberg said. What's more, the two felt that because they differ on many points, coauthoring this work would lead to a more balanced analysis.

"We don't expect to agree with one another," Crenson said.

"Because we disagree on things it helps us take a step back from our own beliefs," Ginsberg said.

Structured like a homicide case file with the motives, means and opportunities presidents have had to gain power, the two professors analyze recent presidencies with a desire to alert the public to the dangers that lie ahead.

"We want people to be warned," Ginsberg said.

The book begins with a thorough review of the actions that have led up to what Crenson and Ginsberg have labeled "presidential imperialism." The professors discuss the various opportunities that presidents of recent years have had to increase their power, including legislative neglect and

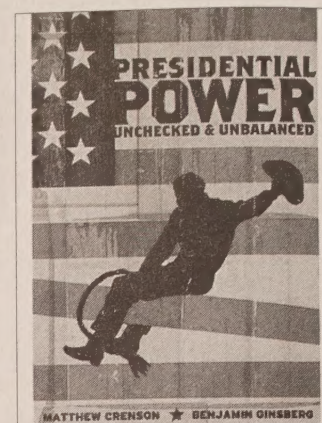
the diminished role of political parties in creating presidents.

Most important, however, the two discuss the nature of presidents and presidential candidates, especially their ambition.

"It's not personal," said Crenson, "these powers — these drives — have been institutionalized."

According to Ginsberg and Crenson, presidential ambition, and by extension, disproportionate use of executive power, have become ingrained into what Americans expect the presidency to be like: People have come to accept that presidents may use their power to further their own ideals.

Although the two Hopkins professors enlighten us as to how the presidency has been empowered, the ultimate outcome, they



COURTESY OF

[HTTP://WWW.AMAZON.COM](http://www.amazon.com)

Presidential Power is the professors' second collaboration in recent years.

admit, is rather bleak. Crenson and Ginsberg don't have a lot of hope when it comes to fixing the errors of the past.

According to the professors, the only people that really could implement change are those individuals in power — and they have no desire to alter the current situation.

Moreover, due to the decreased involvement of Americans in politics and the president's gradual separation from political parties, Congress has seemingly lost its ability to interfere and stop executive expansion.

Ginsberg calls the United States a presidential republic with the President staying at the center of American politics. However, Crenson and Ginsberg do have some faith in the future of the American Republic.

"I can't see much that's changed, but I do have hope," Crenson said. Specifically the two look to outside organizations to come in and bolster the American public into getting involved with political affairs, especially after their success in recent elections.

Crenson in particular is hoping that groups known as 527s — organizations that indirectly support candidates and work to get their candidate in office — can cause the American populace to regain interest in political participation.

"My hope for the future rests with the efforts of the 527s," Crenson said.

When asked about the largest criticism of their case, both Ginsberg and Crenson stated that the most frequent argument against them was simply that there are times when the United States needs a strong Commander-in-Chief.

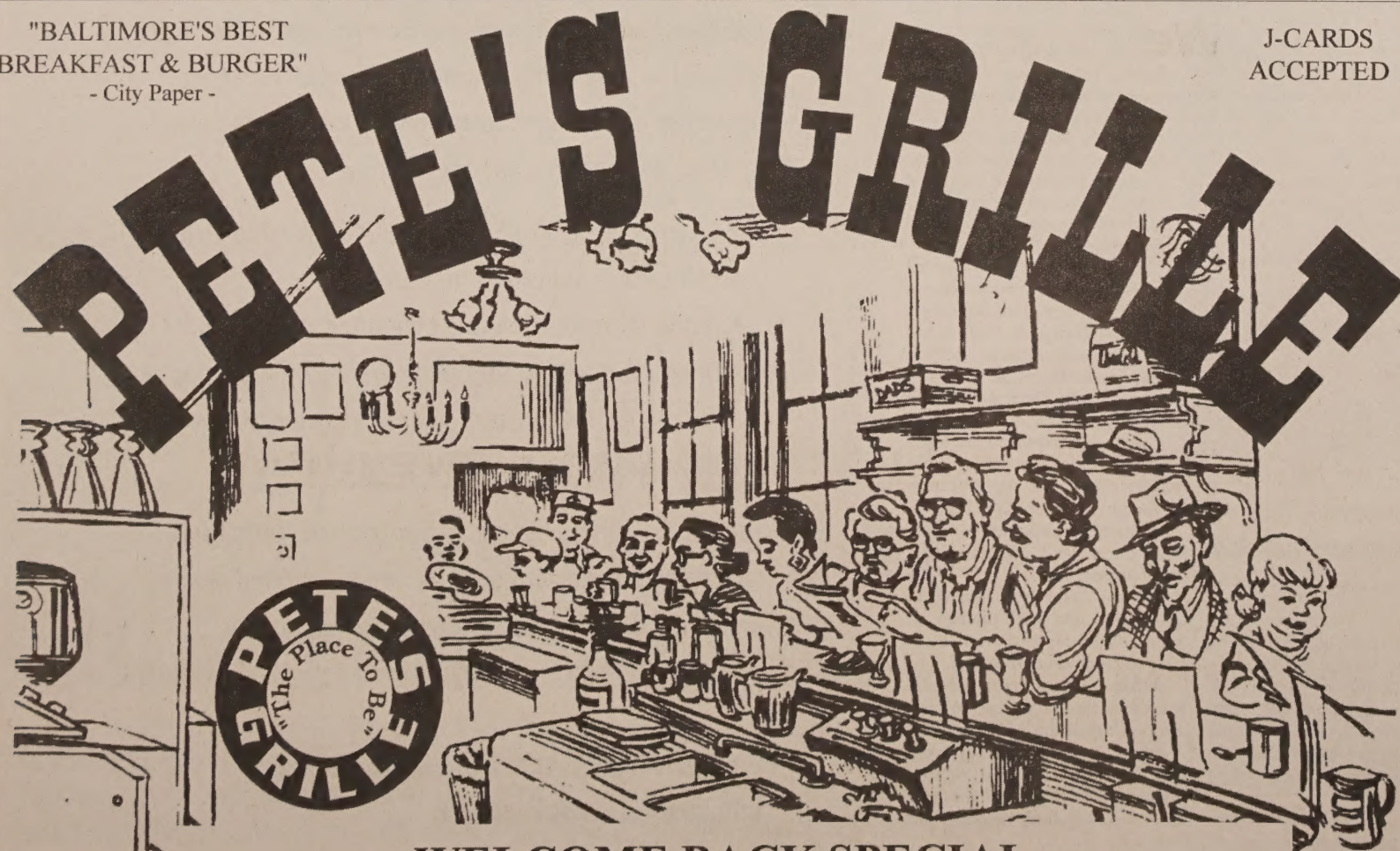
The scholars who argue this point, whom Ginsberg labels as "presidentialists," have pointed out that oftentimes, there are situations which demand a strong executive office. However in response to this argument, Crenson and Ginsberg note that this only applies to emergencies, whereas the current president has used this authority to further his own beliefs in society. *Presidential Power: Unchecked and Unbalanced* was published in 2007 by W.W. Norton & Company, Inc.

CLASSIFIEDS

Spring Break 2008.
Sell Trips, Earn Cash & Go Free.
Call for Group Discounts.
Best Deals
Guaranteed! Jamaica, Cancun, Acapulco, Bahamas, S. Padre, Florida.
800-648-4849 or www.ststravel.com

"BALTIMORE'S BEST
BREAKFAST & BURGER"
- City Paper -

J-CARDS
ACCEPTED



WELCOME BACK SPECIAL
20% off entire purchase with this ad
(Not to be used in combination with other offers)

Corner 32nd and Greenmount

410-467-7698

Mon-Sat: 7am-1:30pm Sun: 8am-1pm

NEWS & FEATURES

ANNOUNCING

THE MSE SYMPOSIUM'S "TRIPLE PLAY"

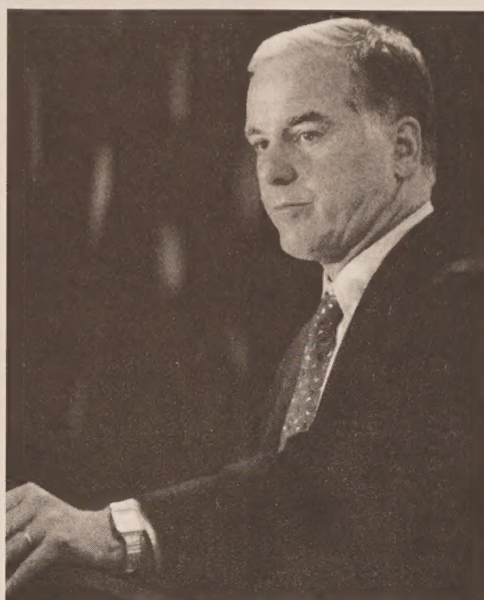
Governor
Martin O'Malley

DNC Chairman
Howard Dean

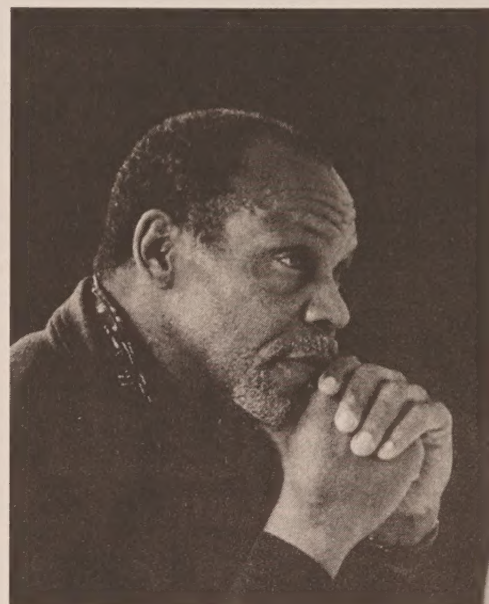
Political Activist
Danny Glover



Wednesday
October 10th



Thursday
October 11th



Friday
October 12th



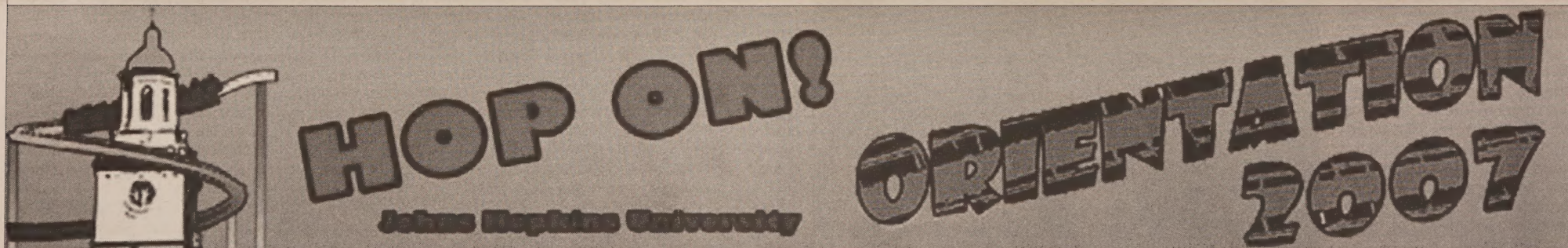
NEWLY BOOKED EVENT
SPONSORED BY THE COLLEGE DEMS

Three Straight Nights... Three High Profile Events

Doors Open 7:30 PM Speeches Begin at 8:00

All Speeches are Free and Open to the Public

mse@jhu.edu www.jhu.edu/mse



We want your feedback!

Freshman Orientation Evaluation

<http://www.orientation.jhu.edu/studentsurvey.html>

All survey respondents will be entered to win a iPod nano



iPod nano

NEWS & FEATURES

Bookstore events bring culture to JHU

By LINDSAY MUNNELLY
For The News-Letter

The Hopkins bookstore, located on the intersection of St. Paul and 33rd streets is a convenient one-stop shop for textbooks, school supplies, Hopkins apparel and, starting now, a dose of local culture.

While the bookstore is a familiar spot on campus, it is often thought of as being merely a textbook supplier.

Aware of this attitude, the Barnes & Noble staff hopes to combat the store's reputation with a variety of events designed to expose local areas of interest.

Starting in spring semester of 2007, the bookstore began hosting events for both Hopkins students and the Charles Village community.

These events included book signings, a discussion panel and live jazz music in the café.

When the idea for the different programs first originated, Jeff Pinque, who works in the New Jersey Regional Office for Barnes & Noble, had to filter requests from various authors wishing to come to the Hopkins bookstore.

"We have just started to pursue authors," Joe Strube, a manager of the Hopkins branch, said. "Up until now, everything has been authors pursuing us."

The move from Gilman Hall to a two-floor store has proven to be a major transition for the bookstore, allowing it to serve the students in different ways.

"We're still trying to find our niche with the student population," Strube said. "We want to serve [them] and we will continue to look for events to serve them."

Since spring semester, the bookstore has had several authors come for book signings. Frank Warren, founder of Post Secret, visited campus in April, at an event that approximately 350 students attended.

Other, lesser-known authors have come to the bookstore as well. Though Larry Doyle, author of *I Love You, Beth Cooper*, did not attract as large an audience, every person who came to the signing bought a book, "which is very unusual for an event like that," Strube said.

The bookstore has also had several faculty authors come for book signings, including David Bell, from the History Department, and David Linden, a professor in the Neuroscience Department.

Most recently, the bookstore welcomed author Margaret "Peg" Burrows on Sunday, Sept. 23 to sign copies of her book, *Close-ups of History: Three Decades through the Lens of an AP Photographer*.

The book displays the collection of photographs taken by her late husband, Henry Burrows, and captures critical moments in recent American

history.

While the majority of the events have been book signings, the bookstore has sought to bring a variety of experiences to the campus and community. Once a month, the Boostimus! Jazz Trio sets up in the café to entertain patrons with live jazz. Tom Wright, Tyler Goodwin and Alan Munshower make up the trio and play two-hour sets.

"There wasn't as much interest as there's been at other performances," Wright, a graduate student in the Math Department, said, referring to the trio's Sept. 17 performance.

"It's great that Barnes & Noble is willing to help foster the local artistic community by providing a forum for the artists to share their work."

We are a college bookstore, but we are also part of the community as well. We want... to bridge the two communities.

— JOE STRUBE, MANAGER
OF HOPKINS BRANCH OF
BARNES AND NOBLE

Boostimus! formed in February of this year when Munshower approached Wright and Goodwin. Munshower is a drummer who teaches and plays in the area, and Goodwin is a Peabody graduate who plays bass.

In addition to literature and performing arts related events, there have also been panel discussions in the past. In April 2007, there was a discussion panel with Paul White, author of *White's Rules: Saving Our Youth One Kid at a Time*.

White teaches at West Valley Leadership Academy, an alternative high school he founded with rules based on values.

The panel included local voices as well, such as Councilman Keiffer Mitchell. The participants discussed violence in schools, as well as the role of education in

the lives of children.

"We are a college bookstore, but we are also part of the community as well. We want to appeal to both and we are doing anything we can to bridge the two communities," Strube said.

"We're hoping to expose students to local authors and varied topics," Roger Bacon, a customer service associate, said. "We know no limits."

The bookstore also hosts a story time for children every Saturday morning.

Once a month, a character from a familiar story, movie or TV show will visit. On Oct. 20, Clifford the Big Red Dog will be attending.

In the near future, the bookstore will welcome back Frank Warren, who is coming on Oct. 9 to present his new book, *A Lifetime of Secrets*.

"[Warren] actually called us to request the signing," Strube said. "He's flying out to the Today Show the next morning."

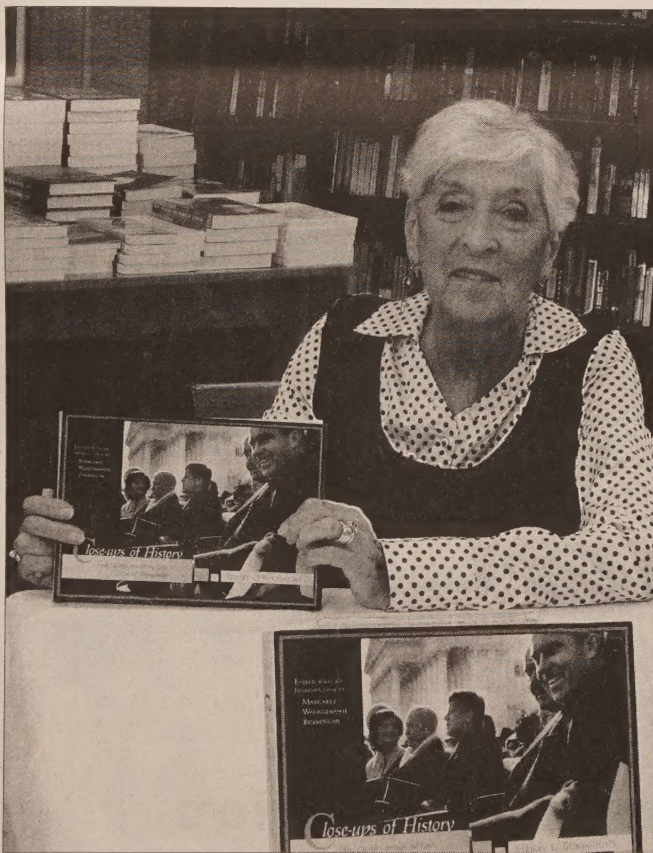
The Hopkins bookstore will be the first place that Warren introduces the book.

"Right now, a lot of students see us as a place to buy textbooks and notebook paper," Strube said.

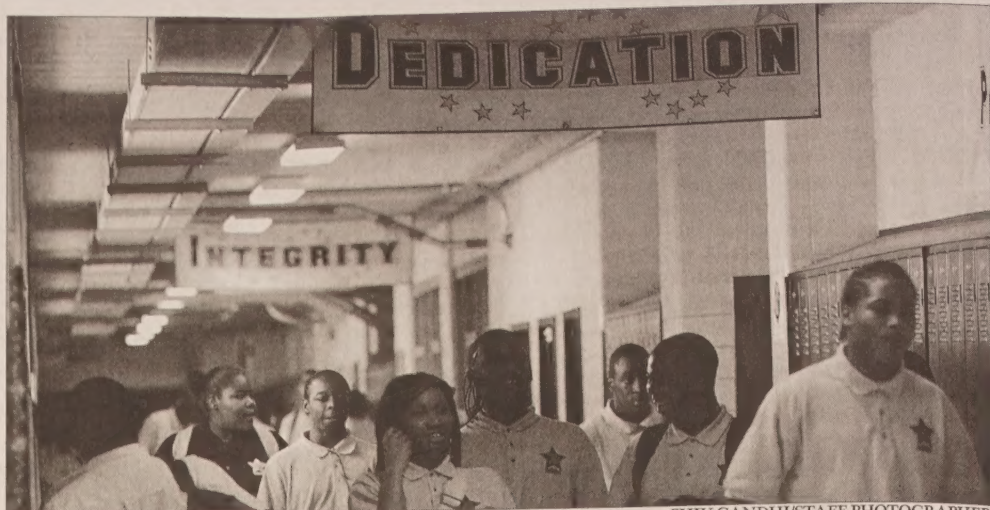
"We hope to build the bookstore experience for them, which started when we moved to this building. We want to bring the community and the students together."

In an upcoming faculty book signing, on Oct. 4, Professor David Linden will host a discussion on his latest book, *The Accidental Mind: How Brain Evolution Has Given Us Love, Memory, Dreams, and God*.

Ultimately the bookstore hopes to widen its influence in the Charles Village community to foster a connection between community and campus through the programs it has hosted and those it will host in the future.



COURTESY OF LINDSAY MUNNELLY
Author Margaret Burrows signed books at one of the many events held at the Barnes and Noble bookstore in hopes of unifying the community.



SHIV GANDHI/STAFF PHOTOGRAPHER

The Talent Development High School, created by Hopkins, recently ranked second by the Institute of Educational Sciences.

Hopkins-affiliated high school snubbed

By GRACE GWENDOLYN
HENRY
News-Letter Staff Writer

Despite being a template for remedial education programs across the country, the Hopkins-initiated Talent Development High School did not receive the top ranking in a report by the Institute of Educational Sciences.

Instead, the program was given second place. Despite this, students participating in the Talent Development program were still higher-achieving than their peers not in comparable programs. The What Works Clearinghouse of the Department of Education reports that while the Talent Development program is fairly efficient, the program does not do enough to address the issue of students who fail to complete their education.

The report itself rated a variety of programs on a six-level scale with a highest rating of six. According to the report published on the What Works Clearinghouse Web site, it considers the factors of "quality of the research design, the statistical significance of findings, the size of the difference between participants in the intervention and the comparison conditions and the consistency in findings across studies."

Primarily influencing Hopkins' program was the lack of emphasis on not only completing the high school program, but continuing on with higher education. All the studies used by the What Works Clearinghouse found that the Talent Development program to meets the remaining standards for staying in high school and progressing through successfully, and because the Talent Development program reaches these goals satisfactorily, the program will not implement any additional changes.

Co-founder of the Talent Development High School programs and research scientist at the Center for Social Organization of Schools Robert Balfanz was not available for comment, but has expressed pleasure on seeing that the program was rated initially as validation of past success in other publications.

The first Talent Development High School was created when Johns Hopkins Center for Research on the Education of Students Placed At Risk, a division of the Hopkins Center for Social Organization of Schools (CSOS),

and Baltimore's Patterson High School collaborated to radically change the curriculum for students in need of remedial education. The original purpose was realized when the Center "formed a partnership to go into [Patterson High School] to improve it—that was the immediate impetus," said Mary Maushard, Communications Administrator for the Center for Social Organization of Schools.

The Center for Research on the Education of Students Placed At Risk provided a significant part of the initial push, recognizing the need for a specialized curriculum, but with the current program underway and evolving the majority of control has been moved under the umbrella of the Center for Social Organization of Schools.

The major initiative of the program is to re-write the high school curriculum for freshmen while creating supplemental programs for 10-12 graders. What Works Clearinghouse refers to the participating high schools as "small learning communities" aiming to "reduce student isolation and anonymity" within schools, while preparing such students for college level work or careers.

Talent Development High Schools also provide additional support for teachers and administrators, assisting them in both setting and reaching goals for their students, as well as policy development and staff relations. The overarching goal of the programs is to help students who are significantly behind their peers catch up to the accepted level of achievement in their district.

Since the program's inception in 1994, more than 100 schools in 15 states are using the curriculum and support systems. Significant emphasis is placed on developing new skill sets for teachers and administrators. Once a school enrolls in the Talent Development program, there is a year long training period for teachers, staff and principals.

"Support is fairly significant for teachers," Maushard said. She explained that each school has a "corps" of coaches, typically retired or veteran teachers who don't have classrooms of their own. These coaches assist teachers one-on-one and are available to co-teach particularly difficult classes. These coaches never evaluate the teachers, not are they obligated to report to administrators. Principals only

train during the first year of pre-installment, but participate every other year in a principal-specific support conference sponsored by the Center for Social Organization of Schools. This conference is designed to act as a forum for discussing schools' progress and innovations.

Along with supplying staff for an initial first-year consultation period, as well as continued support networks, Hopkins plays a key role in the curriculum used by the program itself. The majority of courses were developed by Hopkins, based upon a combination of government studies and additional ones conducted by the CSOS itself.

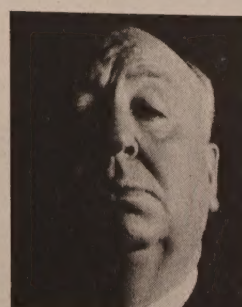
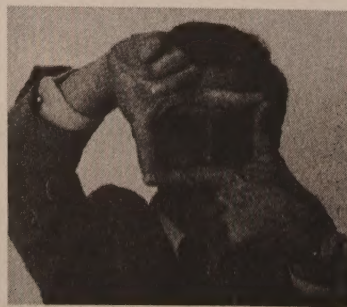
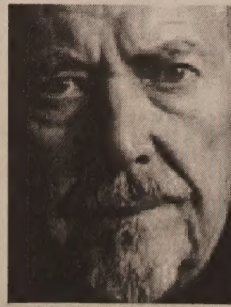
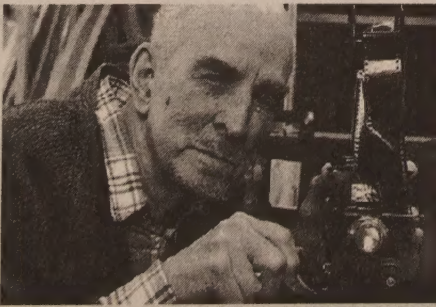
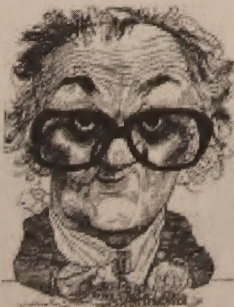
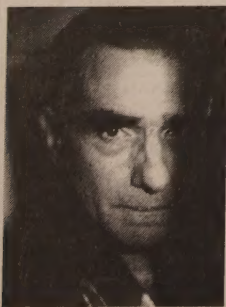
Students are selected for enrollment in the program based on standardized test scores taken at the end of eighth grade. A student's scores must indicate that his performance is at least one grade level below his peers to be considered eligible for the program's enrollment. In some schools, 80 or 90 percent of the incoming freshman class qualify for the Talent Development program.

A vital aspect of the Talent Development Program is the "freshman academy" where enrolled ninth graders are placed in separate classes aimed at helping with the adjustment to high school. The academy hosts seminars on study habits as well as courses that are designed as preparatory classes for more challenging material. Upperclassmen are offered courses geared towards career skills. Eleventh graders who remain in the program continue in assisted math and reading courses, while science curricula are currently under development by Hopkins. Seniors can also take writing courses geared towards developing college writing skills. By senior year, the goal is to have students up to the standard where they can integrate into non-Talent Development classrooms.

The program strives to prepare its students both for college and the workforce, but while doing so, aims to make such programs obsolete. The aspiration is to create more students who are able to return to regular classes following freshman year in a Talent Development program.

The program was developed to provide at-risk students with the necessary tools to adjust to the high school environment so they become productive members of society after graduation.

Video American



BALTIMORE'S BEST VIDEO STORE

New Releases - International Cinema - Gay & Lesbian - Classics - Documentaries - Erotica - Independent - Psychotronic

3100 St Paul St (Across from Eddie's) 889-5266 \ 400 W. Cold Spring Lane 243-2231

NEWS & FEATURES

News in Brief

To raise arts awareness, new curator position created

The position of first curator of cultural properties at Hopkins has gone to the former curator of the Evergreen House, Jacqueline O'Regan. The new appointment has been created both to help the University manage its various cultural resources and as a way to further efforts to raise the profile of the arts. O'Regan's responsibilities will include the collections at both the Evergreen and Homewood houses to the fine arts and historical teaching equipment.

As the curator of cultural properties, O'Regan will have to promote the different types of collections and devise methods for students, faculty, staff and the community to easily utilize these resources for research and enjoyment with more ease. The position will be organized with the Sheridan Libraries' Special Collections Department. Replacing O'Regan as curator of Evergreen Museum & Library is James Archer Abbott, former curator at the Woodrow Wilson House in Washington, D.C. Both curators will assume their new positions in November.

— Heather Barbakoff

New Hopkins institute receives grant money to fund research

A grant of \$100 million will be used over the next five years to help scientists see their laboratory research actualized into real world applications. The formation of the Johns Hopkins In-



COURTESY OF WILL KIRK

The former curator of the Evergreen House Museum, Jacqueline O'Regan, was recently appointed to the position of first curator of cultural properties.

stitute for Clinical and Translational Research will support the efforts of more than 100 faculty members.

The National Institutes of Health have awarded a total of 12 Clinical and Translational Science Awards across the country, creating a consortium of 24 institutions. Hopkins plans to use its funding to improve research data analysis, clinical trial management and outreach programs to underserved populations. The new institute will also forge partnerships with state agencies, Veterans Administration hospitals and pharmaceutical companies.

— Marie Cushing

McVeigh given position as new BME director

Elliot McVeigh has replaced Murray Sachs as the new director of the Biomedical Engineering department. The department is a part of both the Homewood and Medical campuses, offering undergraduate and masters degrees, as well as faculty-led research projects.

As director of the program, McVeigh will be responsible for

the integration of these various programs in order to enhance student training while incorporating University research.

McVeigh became a part of Hopkins' Department of Radiology in 1988 and then in 1991 joined the Department of Biomedical Engineering. He helped with the creation of a research program focusing on cardiac MRI, and was director of Hopkins' Medical Imaging Laboratory, a program that works to develop new imaging techniques and advance existing methods as a way to solve problems in both medicine and biology.

Additionally while he was a part-time member of the faculty at Hopkins, McVeigh teamed with the National Institutes of Health in Bethesda, Md. There, as a senior investigator in their Laboratory of Cardiac Energetics, McVeigh spearheaded a research program devoted to cardiovascular interventional MRI. McVeigh is also an inventor with eight patents on real-time interventional MRI and real-time MRI apparatuses. He has also published over 150 peer-reviewed research papers and has served as a mentor for over 20 graduate students.

The former BME director, Murray Sachs will remain on the faculty as both a teacher and a scholar.

— Heather Barbakoff

Cooper awarded "Genius" Grant and appointed MacArthur Fellow

Internist and epidemiologist Lisa Cooper was recently honored with the MacArthur "Genius" Award for her work on minority health issues. The Liberian-born Cooper is known for her studies focusing on the ethnic and racial disparities in both medical care and research. It is for this work that she has not only been named the 2007 fellow by the John D. and Catherine T. MacArthur Foundation, but has also been awarded the coveted \$500,000 "genius grant" which she can utilize as she desires.

Cooper's works have been primarily centered on doctor-patient relationships within the United States, and at Hopkins her research has investigated ways to establish clearer boundaries across ethnic groups, while acknowledging methods for the address of a growing awareness of the racial and ethnic disparities in disease prevalence, risk and care giving. With the grant, Cooper has stated that she wishes to help further her work globally with individuals in economically and socially disadvantaged communities.

The MacArthur Foundation selects its fellows annually with an emphasis on creativity and the assumption of imperative future advances based on the applicant's previous exceptional work.

Cooper has been part of the faculty at The Johns Hopkins University School of Medicine since 1994 and was recently promoted to a full professor in the Division of General Internal Medicine for this academic year. Additionally, this Renaissance woman has an appointment in epidemiology at the Bloomberg School of Public Health and another in health policy at the School of Nursing.

— Heather Barbakoff

myJohnsHopkins replaces JHED Web site

By HEATHER BARBAKOFF
News & Features Editor

Hopkins will officially retire its JHED Web site on Sept. 27, 2007. Used by students for checking their e-mail accounts, sharing files and accessing a campus directory, the JHED Web site will be completely replaced by the use of myJohnsHopkins portal. The move, which began on Aug. 2, 2007, is the result of the need for a more simplistic and central way for users to access online services.

The reasoning behind the switchover is threefold. First, the myJohnsHopkins portal will allow for additional improvements to be made to the web site in the future.

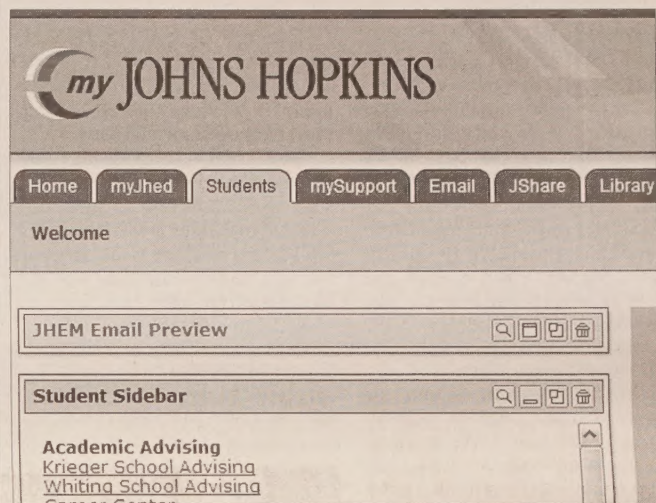
Second, through the Single-Sign-On (SSO) system, users will have the ability to access multiple different online services with a single sign-on. Thirdly, the additional burden on the administration due to the upkeep of two separate systems will be eradicated.

After Sept. 27, all functions that were once present on JHED will be able to be accomplished

through myJohnsHopkins portal, the most notable of which are the management of one's online directory profile and JHU password modification. These two functions, which were once only able to have been accomplished through the JHED site, are now accessible solely through myJohnsHopkins.

The various services, which were formerly associated with the JHED system, such as e-mail account accessibility, large file-size sharing capacity through J-share and the "search" directory, can now be accessed through the "myJHED" tab. It is here that the features once unique to the JHED Web site now reside.

The myJohnsHopkins portal will provide students with additional services such as the full listing of campus announcements and an events calendar. There will also be the option for students to customize their homepages with weather forecasts, listings about current Baltimore's events and links to important University Web sites such as the Registrar's Web site, E-Reserves and the Sheridan Libraries home page.



COURTESY OF HTTP://MY.JHU.EDU

The myJohnsHopkins portal web site is a more innovative version of the JHED site.

Fall Career Fair

Thursday, October 4

11:00am - 3:00pm

Recreation Center

Jobs, Internships, Graduate Schools

Johns Hopkins University
Career Center

www.jhu.edu/careers

One day, 4 hours,
over 100 employers.

The biggest career event of the year.

NEWS & FEATURES



COURTESY OF ALEX MUNDEN

Avik De '10 in his team's buggy. Last year the team placed 22nd in an SAE event.

Baja team gives engineers a chance to build buggy, race

By ALEX MUNDEN
For The News-Letter

Ah, driving. The wind whipping through your hair, heading out to wherever you please. The dirt flying around you as you speed over that last hill towards the finish line, cutting off that jerk you met earlier from Ohio State.

Though that last joy may be less well known, a team of students here at Hopkins is living the dream of competitive racing.

For four years, the Hopkins Baja racing team has pursued its three-fold goal: To build a small racing buggy themselves, to race their buggy against other schools and to have fun racing when most students only dream about it.

Two sophomore mechanical engineers, Bobby Ng and Dave Chow, founded the Baja racing team with the goal of building and racing their own race car. Though it took some time to become competitive, last year the team placed 22nd overall out of 75 different university teams from around the country.

Twenty-five students comprise this year's team. All are freshmen or sophomores, except one junior and one senior. The two co-captains are Avik De and Adam Baumgartner, both sophomore mechanical engineers. The team is comprised of primarily mechanical engineers, but other majors such as physics and biomedical engineering are also represented. Though most of the current team is engineering-related, students from any major are more than welcome to join. No experience is required, just a passion for motor sports.

The racing league is organized by the International Society of Automotive Engineers (SAE). All teams must come from universities, and all must build their own cars. The Hopkins team, due to time and financial concerns, buys the transmission and engine, then builds everything else themselves. You can often find them in the Latrobe machine shop, welding the various components together into a final racing machine.

Building the car is far from the best part. According to Baumgartner, "The best part about the racing team is when you finally get to drive the car. To see the car come alive at the end is really satisfying."

The biggest concern about racing in a car built by students, one of which the administration needs constant reassurance, is safety. Racing is seen as a dangerous and reckless activity, but in this case,

that couldn't be farther from the truth. The SAE has a demanding safety inspection that occurs before each event, and if, for some reason, the car is deemed to have any kind of problem, it is removed from the race. All drivers must wear four-point safety harnesses, and helmets, and must have quick access to an engine kill switch if they run into any problems. The frame is very strong, and all drivers are trained to exit the vehicle in less than five seconds, in case anything goes wrong with the engine. If you can't get out of the vehicle in that time at competition, then your results are disqualified.

Combine all this with the fact that the vehicle currently tops out at around 35 m.p.h., suddenly, crossing Charles Street during rush hour seems dangerous.

Last year, co-captain Avik flipped the car during competition, and, according to him, the worst thing about it was having to wait for the officials to inspect the frame to make sure there was no structural damage. Avik walked away without a bruise.

One of the things that can sink a young team like Hopkins' is the financial demand. The SAE mandates that all cars must be rebuilt at least every other year. Though parts from the car can be salvaged, all of the main pieces are rebuilt or bought new by the team each year. This alone amounts to roughly \$9,000 per year. Because Hopkins' team is relatively young, there are also design improvements to be made, which can also be expensive.

The team receives funds from several different sources. The Society of Engineering Alumni is the biggest source of money for the Baja Team. Individual families such as the Ng family also donate money.

Last year Hopkins competed in two different tournaments, one in Rochester, N.Y. and the other in Ocala, Fla. It was in Ocala that the team placed 22nd overall. The placing comes from a point system that takes into account a variety of different aspects such as design merit, a cost analysis report and events like an endurance race and an acceleration event. Hopkins Baja's best showing came in the acceleration event, where they placed seventh out of the entire field.

Another interesting aspect of the Ocala competition is the amphibious portion. Cars must be built with removable flotation devices that allow them to float in very deep water, and the wheel system must be designed to act as propellers for the car.

The softer side of Baltimore seen in suburbia

Guilford is a suburban-style Baltimore neighborhood priding itself on lower crime statistics and a family-friendly atmosphere

Continued from Page A1
leaves under the occasional jogger's sneakers or the distant fretting of a squirrel claim noticeable presence in the vicinity.

Jane Reep, a Guilford resident of 45 years, was walking (now scolding) her deceptively large puppy, Isabelle. An elderly woman with pepper-speckled hair, Reep said that Guilford has been a great place to live, commute to work, raise a family and now retire.

"My one daughter has a family of her own now, and they live in the next town over, so I get to see her and my grandchildren often, which is the most important thing to me," Reep said. "When raising a family, though, there is a distinct lack of closeness within the neighborhood; most people keep to themselves, despite the few fraternity houses on the corner," Reep pointed to the end of the street.

"But the good news is that the crime has never been too bad, give or take a petty larceny from time to time, but nothing irregular."

Reep noted that it is rare for Guilford residents to venture into Charles Village, since the crime there is comparatively worse.

"Even with the universities in the area, crime in those areas is not good, so I really only go to Charles if I need to pick something up at Eddie's Market, or if we're going out to eat."

A police siren cut the calm ambiance, and Reep and Isabelle continued their walk. Ahead, near the blaring vehicle, one half-expected some form of grand theft auto, which turned out to be a mere speeding tick-et.

Across the intersection, a congregation piled into the Second Presbyterian Church. The paint-chipped wooden door of the church opened to a group of boys ranging from third graders to college students sitting together in a circle.

A young man absently fastened the buttons of his patch-covered vest as he walked through the doors, "Scout meeting," he said with a hint of embarrassment.

Near the church, a hunched over, middle-aged man was hosing the front lawn of what looked like an old, abandoned home.

"Nope," Mike McDevitt, said. "We just moved in three months

ago, and we're in the midst of renovation. The house was built in '57, and posed as an entry for immigrants in Baltimore, so there are all these small rooms with different keys throughout the house — it's going to take a lot of work."

McDevitt, who works at the Hopkins Medical Center and his wife, who works in a neighboring town, decided to move to Guilford from Holmdel, Md. in order to start their family.

"We wanted to move here a lot sooner, but it was just a matter of buying at the right time ... This property was actually being auctioned, so it was a lot more reasonably priced than it would have otherwise been on the market. That was really the only reason we were able to move here when we did, so I guess we were just lucky," McDevitt said.

Rated as one of *Money Magazine's* "Best Places to Live" in 2007, high property values are a common complaint among Guilford residents.

Steve and Julie Gilbert, who have lived in the neighborhood for 21 years, had a similar experience to McDevitt.

"At the time, we loved Roland Park and Guilford, but we couldn't afford either of them ... Fortunately our house in Guilford was going up for foreclosure auction, so we were able to make a deal out of it," Gilbert said.

"But it's a neighborhood with a definite community because it has sidewalks, so there are people out walking all the time," he said. "People walking their dogs, with their babies in carriages, or



LAURA BITNER/PHOTOGRAPHY EDITOR

The safety of Guilford is a quality that neighbors prize. Residents feel comfortable jogging, walking their dogs and allowing their children to play on the area's sidewalks, activities which create a untied sense of community.

the kids are out scootering, or biking. It's easy to meet people, and when we moved in, we met people with dogs and when we had kids, we met people with babies to play with. Over time we had play groups with those people, and built friendships. In particular, Sherwood Gardens has been a gathering place for people in the community and there are events, and that has always been fun."

Mrs. Gilbert explained how living in such close proximity to universities such as Hopkins and Loyola not only made it easier to find babysitting, but also to take advantage of the public events on campus, whether they be concerts or plays.

"The development of the community around Calvert St., with the retail, it has become an asset to the community. For evenings we sometimes go to restaurants in that area and the always use the bookstore," she said.

Since there is no "town of Guilford," most children in the area attend private school.

"They're called the 'Roland Five.' They are five private schools in the area that kids in Guilford attend. There is a public school, but it is very large and not

many people in Guilford attend," Gilbert said.

In regard to safety, community members take comfort in the child-friendly environment that Guilford offers, Mr. Gilbert said.

"Safety has gotten better over the years. Especially since we recently employed a private security company to patrol, which I think has really cut down on the little, incidental occurrences like a bicycle or lawn-mower theft out of a garage. I mean, that happens everywhere, but at least there's less of it now. There are always incidences that feel like a setback, but in general, it is a lot better," Mrs. Gilbert said.

The suburban refuge which Guilford offers in the midst of the Baltimore's metropolitan culture is a treasure, yet not one that many people have the chance to enjoy. The neighborhood provides an interesting contrast to the more urban feeling that defines most of Baltimore.

Nevertheless the initiatives within the Guilford community to unite against neighborhood crime are beneficial actions that perhaps other neighborhoods in Baltimore can learn from.

Security Alerts

Sept. 24 at 1:30 a.m. — Two underage undergraduate students were arrested by the Baltimore Police in the University Mini Mart for failing to obey a police order. The students were behaving in a disorderly manner and ignored the police's order to leave the store.

Sept. 24 at 7:50 p.m. — A non-affiliated person was walking west along the 300 block of E. University Parkway when she was approached by two unknown males. One of the males asked her how she was doing, and then attempted to snatch her shoulder bag. The victim screamed and both suspects fled northbound by foot on Oakenshaw Place.

Sept. 26 at 3:41 a.m. — A CCTV monitor observed a male carrying a backpack and walking suspiciously to and from the shuttle stop bike racks on Unit Blk. E. University Parkway. Campus officers and off-duty Baltimore police officers working overtime for the University located and stopped the suspect. Baltimore Police responded and discovered the suspect was carrying a large butcher knife, mace, bolt cutters, vice grip pliers and a bicycle tire pump. The suspect was subsequently arrested for possession of a deadly weapon and for the bicycle theft that occurred on Sept. 16 from Wolman Hall's west side bike rack.



CONOR KEVITT/PHOTOGRAPHY EDITOR

The Sherwood Garden is a popular spot for Guilford residents to relax among the tulips.

Peace Corps on campus

Learn more about how Peace Corps fits into your future and career path.
Change lives...and your own!

Thursday, October 4

Fall Career Fair
JHU - Homewood Campus
Recreation Center
Baltimore, MD
11:00 a.m. - 3:00 p.m.

For more information, contact:
bjohnson@peacecorps.gov



Peace Corps.

Life is calling.
How far will you go?

800.424.8580
www.peacecorps.gov

— WOMEN NEEDED — Birth Control Ring Study

Interested in trying a contraceptive vaginal ring?

The office of Women's Health Research and Programs at Johns Hopkins Bayview Medical Center is conducting a research study of an investigational contraceptive vaginal ring.

If you are a woman between the ages of 18 and 39, and generally healthy, you may be eligible to participate in this study.

You will receive exams and study medication for 1 year. Participants will be compensated up to \$500 upon completion of study.

Call 410-550-3060
or email whrap@jhmi.edu for more information.

Protocol #: NA_00005593 • PI: Anne Burke, MD



JOHNS HOPKINS
MEDICINE



NEWS & FEATURES

Dining in style at the Hubble Telescope Building

Sure, Hopkins is no longer on the Princeton Review's "Is it Food?" list, but when was the last time you actually had a satisfying meal in Baltimore? We're here to solve that problem. We are Carleigh Connelly and Vanessa Simmons, bringing you "D.I.S.H." — Dining In Style at Hopkins.

In a nutshell, we are two culinary-loving seniors who want to make eating in or dining out in Baltimore a little easier for you. We've navigated the ups and downs of the B'more restaurant scene and this year we'll be giving you the inside scoop on the best deals, events and tips for eating well, cooking well and getting to know the best our city has to offer, one overlooked gem at a time.

You know what *Citypaper* says is best, but we're here to bring you the most unexpected holes-in-the-wall, places really worth that cab fare

downtown. In addition to writing about our regrettable pitfalls and perfect date spots, we'll also keep you informed about the latest news in the food world. For instance, is that Kobe beef really worth the meager paycheck you just picked up from a week of your on-campus job?

Before we give our mini first review, we want to know what you'd like to see in this space. Is there a food or drink you've been hearing about? Want to know the background history of a dish or ingredient?

We would love to hear from you, so put down the orgo book, ask that M-level girl if she's up for Indian, and we'll tell you where to go for the best saves, splurges and romantic back booths. Just send an email with your choice of cuisine, budget, and occasion. The rest of the decision making is on us!

Our first recommendation is a hidden jewel, and best of all, it's on the Homewood campus. You probably never knew that tucked in the Hubble Telescope building on San Martin Drive, behind Bloomberg, is a great cafe called Azáfran's. Open for breakfast and lunch five days a week, this little

spot is like Carma's Café but with a more extensive menu and lower prices. Dishes are varied, from burgers on Mondays and Fridays to consistently-offered quiches, paninis, salads and daily soups. The salads are not only huge in size, but are also hugely delicious. Make sure to ask for dressing on the side if your looking to keep your entree light. High quality, mostly local ingredients make the panini a responsible choice too.

The portions are generous and prices reasonable (\$6.95 for a panini with side salad). We loved their signature BLT and the white-cheddar and turkey panino. The gourmet additions of sunflower bread and grilled pineapple to the dish certainly takes a normal sandwich to the next level. The

Brazilian shrimp and corn "chowder" was a great cream-free summer version of a New England winter staple, especially with it's surprising avocado garnish.

While they don't take J-cash or dining dollars, credit cards are accepted. Best of all, if you eat in, they bring your meal to the table. We suggest grabbing one of the umbrella-covered spots on the sunny outdoor terrace. Leave your water bottle in your bag and take a chance on their quirky soda selection. From French lemonades to a dry pomegranate soda, you're sure to be pleasantly surprised.

Give your Eddie's sandwich card a break. Escaping, instead, into Azáfran's for a refreshingly non-campus lunch experience. A quick foray into this culinary retreat will satisfy your sense of adventure without making you late for the 2 p.m. lecture, while cravings for that Moroccan carrot soup will soon be taking you on a nature walk come lunch hour.



ANGELI BUENO/PHOTOGRAPHY ASSISTANT
Azáfran's, on San Martin Drive, offers up heavenly café fare.

Getting in shape fast with interval training

How would you like to burn more calories hours after working out, have more energy and perform everyday activities with more ease and be faster and stronger? By incorporating interval training into your workout program, you can reap all these benefits and more.

Doing a good interval workout means breaking out of your comfort zone. An interval should be performed at 80 to 95 percent of your maximum heart rate (MHR). A recovery period should be between 60 and 75 percent MHR, to allow your muscles to work aerobically and use up stored carbohydrates.

If you don't have a heart rate monitor, simply judge your heart rate by how you are breathing and the "talk test." During intervals you should not be able to say more than a few sporadic words, but by the end of your recovery you should be able to speak in complete sentences.

Interval training uses both the aerobic and anaerobic systems. During intervals of harder work your muscles are anaerobic, or without oxygen. They have to look to the glycogen stored within your muscles for fuel. When this glucose is broken down for energy, the by-product is lactic acid, which gives you the "burn."

As your body becomes used to this workout routine, your muscles are able to tolerate more lactic acid, which means you can work harder and longer. This endurance helps

when you are climbing a flight of stairs or rushing from one place to another. Interval training also helps burn fat, strengthens the heart and lungs and decreases the likelihood of injury.

Before any workout, make sure you warm up for at least five minutes. Increase your intensity so you reach 80 to 95 percent MHR. Keep at this pace for anywhere from 30 seconds to two minutes, depending on your fitness level. Then allow yourself to recover at 60 to 75 percent MHR for up to two minutes. Repeat this for 20 minutes. As you get in better shape, you should increase the intensity or duration of your intervals.

Intervals can be done anywhere. When running

outdoors, pick out an object like a telephone pole or trash can in the distance and sprint to it. Jog to your next target and keep repeating. When using a treadmill, you can increase your intensity by raising the incline, increasing your speed, or both. The same goes for the bike or elliptical.

Athletes use interval training to simulate game-like conditions. Their inter-

vals are specific to the intensity, duration, and recovery times that they will experience on the field. This allows them to train their bodies to use the appropriate energy systems and prevent fatigue.

Endurance athletes and distance runners use interval training, or "speed play," to lower their times, prevent overuse injury and stave off fatigue.

Interval training is the perfect workout when you're short on time. It allows you to decrease the length of time spent exercising by increasing the intensity of your workout, therefore allowing you to gain more benefits in a shorter amount of time.

Interval training adds a new element to your fitness program especially if you're used to doing long, slow cardio sessions. Studies have shown that you burn more fat and calories through interval training. The strength you gain from mixing intervals and recovery allows you to perform more work at a more intense level. This in turn increases your excess post oxygen consumption, revving your metabolism. So get out your stopwatches and add some intervals to maximize your fitness.

I was lucky enough to find an apartment near the center without the help of the SAIS housing consultant, the notoriously stone-faced Salvatore (who, I am told, is actually one of the more happy-go-lucky Sicilians). My apartment is in a good location and has a washing machine and internet, two things that are sometimes hard to find here. Dryers are pretty much non-existent, so clothes are hung on the line outside or the drying rack. I pay what was originally a fair price of about \$500 a month. However, today, given the current exchange rate, this equates to considerably more.

Although there is an efficient bus system, I have chosen to walk for the most part when I am going somewhere in the city, mainly because I love glancing in all the store windows (I have never seen so many kinds of pasta) and people-watching. Not to mention, a lot of the sidewalks are covered with beautiful porticos.

When I first arrived, I spent hours wandering around and exploring the city. Ancient churches seem to be around every corner, and nestled between the buildings and towers are open piazzas. Some of these are loud and bus-

tyling like the Piazza Maggiore where people meet around the central fountain, sit at the cafes, or just hurry through on their way to work. However, others are small and intimate, places where you can escape the noise of the city and sit inside a miniature garden.

One thing that is definitely different here is the way people dress. You won't find anyone in sweatpants walking down the street. Even if people are on the way to the gym, they usually bring clothes and change there.

Also, girls seem to be averse to carrying backpacks. I have seen more women with several handbags than with one backpack. I break these unspoken rules daily because I continue to carry my huge backpack that screams "American!" and even (gasp) wear my running clothes downtown.

For the first five weeks, I am taking a Survival Italian class in which we usually digress from grammar and prepared dialogues to talking about useful subjects such as how to ask for someone's number or how to complement an Italian girl. In Italy, girls expect compliments. So, what passes for borderline harassment in the U.S. is business as usual here.

A recent digression focused on

the so-called "bad" part of town. Now compared to Greenmount, this area (around the Piazza Verdi) is about as wild as a petting zoo, especially during the day. It is where Italians with dreads and tattoos come to hang out with their dogs, drink, listen to music and smoke illicit substances. Useful Italian vocabulary word of the day: "Il Punkabbestia," literally "a punk with beast," defined by our teacher as those that frequent Piazza Verdi, but they can also be found all over Bologna.

Apart from these random facts, so far, I have learned how to ask for directions, order about five items off a menu and communicate effectively with gestures, noises and pictures. I get to practice these skills on my Italian roommate, Luisa, a student at the University. She has introduced me to Italian game



COURTESY OF TANYA GULNIK
An antique archway in Bologna. Bologna, home to a university founded in 1088, is a lively student center.

Tanya Gulnik Guest Column

The so-called "bad" part of town. Now compared to Greenmount, this area (around the Piazza Verdi) is about as wild as a petting zoo, especially during the day. It is where Italians with dreads and tattoos come to hang out with their dogs, drink, listen to music and smoke illicit substances. Useful Italian vocabulary word of the day: "Il Punkabbestia," literally "a punk with beast," defined by our teacher as those that frequent Piazza Verdi, but they can also be found all over Bologna.

Apart from these random facts, so far, I have learned how to ask for directions, order about five items off a menu and communicate effectively with gestures, noises and pictures. I get to practice these skills on my Italian roommate, Luisa, a student at the University. She has introduced me to Italian game

A recent digression focused on

The touchy-feely messages of massage

You have all have gotten away with a lot of mistaken thinking about sex, and shame on you. If just gods intervened in human affairs, they would inflict irritable bowel syndrome on anyone who dared think about sex as being just "procreation," "penetration," or any of the myriad things you small-minded mortals take it to mean.

Sexuality is not about sticking bits of you into somebody else any more than it is just about making babies. Sexual intimacy is not even just limited to things involving your genitals.

Sexual intimacy is simply about being sensual with someone else. Sometimes we touch each other to communicate love, but it's usually not as grand as that. Touching's most simple and clinical purpose is to make someone get happy, setting them at rest and helping them to feel easy.

Of course, everyone who thinks, "How can I improve my sex life?" begins by hitting up Wikipedia for new and outrageous sexual positions (honey, could we test-drive the "modified T-square" this afternoon?). They may even scout the area for ingenious locations (hm, how sturdy is the History Seminar Room table?). These are great ways to expand your sex life, but the best way to explore something new is to go back to the bedroom and do something simple — sensual massage.

This is a little different from erotic massage, which you're probably aware of — the rub-and-tug "happy ending" offered at your local massage parlor for a few tax-deductible dollars. Sensual massage is not exclusively about the genitals; it can involve any part of the body. But like the best erotic massage or the best intercourse, sensual massage is capable of making someone truly feel good 'n pleased. What is

more, it is very classy. There is as much art to it as any hand job. Indeed, sensual massage is a highly specialized art with professionals of its own. But it is also something that anyone can pick up.

What follows is a brief attempt to do a little bit of justice to this art ("summary justice," as my friend Natasha once put it) in the form of some introductory lessons to get you started.

First things first: Turn off your noisemaking technology, dim the lights, load up a mellow music mix and lie somebody — a friend, a lover, the TA who's grading your orgo lab — down on a couch or bed and take off their clothes.

A good place to start a massage session is the on abdomen. An easy technique to begin with is called "swimming." Here's how it works:

Lay your palms on your partner's lower abdomen, wrists on opposite sides, fingers pointing inward. Press down ever-so gently, keeping your fingers together. Slide each hand to the opposite love-handle, then slide them back, and forth again. Repeat that a good three or four times, then move just a few inches upward, and continue with the sliding.

You may hear your partner sigh from time to time. This is good.

Try to keep the whole maneuver as smooth as possible, continuing up toward the shoulders and stopping just before the neck. Be sure to attend to the breasts and what-have-you — don't be shy now! These things are, of course, more sensitive, so be gentler.

A key thing to keep in mind is that you're trotting your palms out onto on hallowed ground. The chest is sensitive territory (as are the other areas of the body I'm going to talk about in a minute). The term you've probably

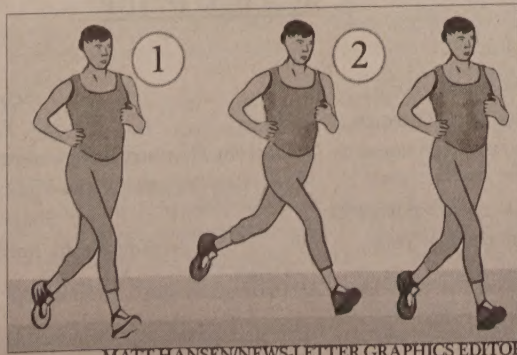
heard is "erogenous zone." Perhaps you pride yourself on being able to name all "seven erogenous zones." But this is a misunderstanding. The body's whole surface is capable of channeling sensations into arousal, more or less. And there is no canonical set of most-erogenous zones; the pattern of sensitivity differs from person to person.

From the abdomen, progress to the arms and try some "throwing," "snaking" and "rolling." These three moves will release a lot of tension in the arms, the kind built up after years of writing 5-10 page papers on chloroplasts and Russian grammar. Lift the arm by the hand and elbow and hold the arm vertically by the wrist. Toss the arm from one hand to the other, several times, increasing the span as you go. Then hold the arm upright and "snake": Starting from the shoulder up to the wrist, squeeze the muscle at close successive intervals. Do this repeatedly, squeezing at slightly different angles each time, and varying your speed. Then "roll": Bend the arm over the elbow and knead it, like clay, up its length. Don't forget the other arm.

Another good place to get going is the hands, the most stressed-out part of the body, and one of the most sensitive. Grasp your partner's hand, palm down, with both of yours, also palms down, while you feel out the bony back of the hand, kneading it with your thumbs in small circles.

All of these strokes invigorate the muscle tissue, aiding circulation and even the nutrition of the inner tissue. Alright, alright, I hear you protesting. "Doggy style can do that, too." Yes, loyal readers, this is true. But you've done it doggy style 15 times this week. Surely you want something new?

You'll want to work on the back, for which you may wish to try something percussive, like pounding, knuckle rapping or "hacking." Space won't permit me to explain too much here, but if you'd like to learn more you should check out <http://sexuality.org>, or *The Art of Sensual Massage* (1973), an excellent work by Gordon Inkeles.



MATT HANSEN/NEWS-LETTER GRAPHICS EDITOR

THE JOHNS HOPKINS NEWS-LETTER

PUBLISHED SINCE 1896 BY THE STUDENTS OF THE JOHNS HOPKINS UNIVERSITY

EDITORIAL

Watching East Baltimore

East Baltimore is a place of disparate identities. In a city of fractured neighborhoods, clusters of affluence and blight, East Baltimore is a particularly desolate place. Row houses crumble along drug-infested streets, and decent work is hard to find. Schools are languishing, and students are driven to the only lucrative job market accessible to them — the drug trade. Families cling to what little they have — their neighborhoods — and struggle to survive.

And now they are being driven from their homes by institutions that have neglected their existence for decades. East Baltimore Development, Inc. (EBDI) is a consortium of entities that have in many ways been complicit in, if not responsible for, the gradual deterioration of East Baltimore. Now they are using eminent domain for a commercial project — an ethically ambiguous practice that has spurred legislative debate in nearly 40 states, including Maryland — and razing entire city blocks to see it through. This is something we should all monitor with the utmost vigilance, asking substantive ethical questions along the way.

The EBDI plan is by no means without value, and for many reasons Baltimore is in desperate need of sustained commercial development to revitalize some of its most depressed pockets of blight and crime. But whenever an organization of powerful commercial and political entities uses an ethically questionable bureaucratic tool to drive struggling families from their homes,

independent watchdogs and concerned citizens should take notice.

As the plan moves through its second phase — displacing in its wake more than 800 families, many of whom have not returned — Hopkins should take heed of residents' concerns. Objections to the design of the plan aside, the very real potential exists for families to be relocated to neighborhoods where the necessary resources — schools, health care and jobs — are scarce. Others simply cannot afford to return to neighborhoods they've lived in for decades.

In this second phase, EBDI will implement a wide-ranging construction and preservation program that will demolish some homes and rebuild others. We appreciate the effort to keep some of these homes intact, but for the residents who will inevitably be forced out, questions still remain. EBDI still has to acquire the funds to support its relocation and social service programs, and its progress should be closely tracked.

This page has pledged to follow what for students of the University and residents of East Baltimore should be one of the most important stories in the political and economic history of this city. Commercial development can indeed be a revitalizing force for the pockets of urban blight across Baltimore, but as this powerful consortium of private and political entities razes neighborhoods and drives families from their homes, we should all continue to pose the necessary ethical questions.

A different kind of speaker

The Milton S. Eisenhower Symposium is usually a tepid affair. Pundits recycle rhetoric, celebrities and politicians regurgitate talking points, and occasionally one of those television polemicists — Ann Coulter, Christopher Hitchens — comes along and says something “controversial.” For the most part, there's much fanfare and little substance.

But Wednesday night's speech was different. In a rare instance of raw political honesty, writer, journalist and native Baltimorean David Simon confessed that he was having difficulty commenting on the Symposium's theme, “Renewing American Culture,” because he was so much more focused on that culture's collapse.

Simon is neither pundit, politician nor celebrity. For 10 years he was a crime reporter for the *Baltimore Sun*, where he chronicled the deleterious bifurcation of Baltimore into a city of fractured, incoherent neighborhoods, a place where two distinct Americas long ago diverged.

He was witness to the ravages of Baltimore's flourishing drug trade, and the failures of a troubled police department and its failed war on drugs. He saw how the excesses of unfettered capitalism gradually devalued the lives of poor and middle-class Americans — once the consumer backbone of the nation's economy — depriving them of “the American dream,” a promised ideal

which has now become a myth.

He also looked us coldly in the eyes and told us what we had done ourselves. He indicted Hopkins for its tacit negligence in the deterioration of East Baltimore, where the Hospital has for years insulated itself from the impoverished neighborhoods around it, and where another pricey development project — the biotech park — is driving people from their homes.

Simon's most recent endeavor, HBO's *The Wire*, has been praised for its gritty realism and “narrative visual” style. *The Wire* tells a story of a fractured and chaotic city, where human lives have lost their worth and capitalism has overrun the working and middle classes. It chronicles political convenience and its estrangement from the truth; it tells us, as Simon said, that everything will not be “all right.”

Hopkins students should take heed of these words and become observers of the city in which they live. Beyond the edges of this insulated college neighborhood — with its sprawling foliage and flourishing greens — lies a city infested with blight, riddled with boarded-up row houses and ravaged by a metastatic drug trade. Our city has fractured into clusters of affluence and blight, and it's deteriorating as we speak. David Simon asked us Wednesday night to take notice — hopefully we can do just that.

Securing our city

First was Gregory Rochester, a 25-year-old who was shot in the head on East 25th St. In May, 17-year-old Deandre Hatcher was killed on the block of East 23rd St. This summer witnessed the murder of Mustafa Ghulam, a Pakistani cab driver who was shot while driving around 28th Street. These are only a few of the many tragic and unacceptable incidences that happen all the time in this city. This year Baltimore is on track to experience over 300 homicides, a number it has not reached since 1999. It is sad and disappointing news. It is sad because so many lives have been lost on the streets of this city. It is disappointing because Baltimore has constantly tried to address this issue and has consistently failed.

Many such attempts have proven to be simply campaign slogans and empty promises. Mayor Sheila Dixon, facing an election year, has a plan to increase the number of new entrants of police officers by 60 officers per year, bringing the yearly additions from 240 officers to 300 officers. Does anyone really believe that 40 extra officers per year will change things? It is time for real reform in the Police Department, not just more officers.

As Baltimore has become more dangerous, Hopkins, however, has grown significantly safer over the past three years. Since the murder of Linda Trinh in 2005, Hopkins has instituted a

number of security measures, including cameras, increased campus security and greater cooperation with the Baltimore Police Department.

Hopkins has been successful in its security improvements. Granted the City government has to deal with gang warfare, a drug trade and such, but there may be some things that the City could learn from Hopkins.

A larger police presence is not the solution. The problem is essentially a socioeconomic one. With more jobs people are less desperate and less likely to resort to crime.

Hopkins can help Baltimore in two ways. One way is with education, in which Hopkins has been a leader. For example Hopkins had established the Talent Development program for high school curriculums, which has helped “at risk” students succeed in school. Hopkins can also help is by establishing employment opportunities in Baltimore.

With such a problematic homicide rate, Baltimore may appear to be a quagmire, but these problems are not insurmountable. The Baltimore community (the city government, the citizens, Hopkins, etc.) needs to address these issues together. We must learn from past mistakes and solutions, and collaborate to form new policies, change attitudes and make Baltimore a safer place for all its residents.

Matt Hansen



LETTERS TO THE EDITOR

Race discussion demands informed dialogue

Re: “Book Misses Real Issues”: I find it incredible that Mr. Yerushalmi was able to recognize the “absurdly polarized thoughts” in Dr. Beverly Tatum's book *Why Are All the Black Kids Sitting Together in the Cafeteria?*, without ever having opened it.

It is a sad comment on the state of education and on the *NewsLetter* that someone is allowed to enter a serious, public conversation about a book without ever having read it. I hope that we can move forward with informed, critical dialogue, and not judge books or people, by their covers.

Willie Hoppe
Class of 2009

LETTERS POLICY

The Johns Hopkins News-Letter welcomes letters to the editor. Letters should not exceed 250 words. Letters must be delivered to the Gatehouse by Tuesday at 7 p.m. or e-mailed to News.Letter@jhu.edu for inclusion in that Thursday's issue. All letters received become property of the *News-Letter* and cannot be returned. The *News-Letter* reserves the right to edit for space, grammar and clarity. Letters must include the name, address and telephone number of the author. Only one author's name may be included. Groups, teams and other organizations may not submit letters, only individuals. The *News-Letter* reserves the right to limit the number of letters printed.

THE JOHNS HOPKINS NEWS-LETTER

PUBLISHED SINCE 1896 BY THE STUDENTS OF THE JOHNS HOPKINS UNIVERSITY

[HTTP://WWW.JHUNEWLETTER.COM](http://www.jhunewsletter.com)

EDITORIAL BOARD

EDITORS IN CHIEF	Sal Gentile, Sammy Rose Saltzman
MANAGING EDITORS	Alex Begley, Alexander Traum
PHOTOGRAPHY EDITORS	Laura Bitner, Conor Kevit
GRAPHICS EDITOR	Matt Hansen
SENIOR COPY EDITORS	Dylan Diggs, Elisabeth Schwartzberg
SPECIAL EDITIONS EDITOR	Anum Azam
NEWS & FEATURES EDITORS	Heather Barbakoff, Marie Cushing,
	Max McKenna, Katlyn Torgerson
	Mary Doman, Demian Kendall
	John Kernan, Sarah Sabshon
SPORTS EDITORS	Stephen Berger
ARTS & ENTERTAINMENT EDITORS	Cara Selick
SCIENCE & TECHNOLOGY EDITOR	Dana Covit
YOUR NEWS-LETTER EDITOR	Ravi Gupta
CALENDAR EDITOR	James Freedman, Raja Vallarapu
LAYOUT EDITOR	
ONLINE EDITORS	

Photo Assistant

Angeli Bueno

BUSINESS BOARD

BUSINESS MANAGER	Scott Motejunas
MARKETING DIRECTOR	Rebecca Wolff
MARKETING ASSOCIATES	Dorothy Giannos, Scott Goldsmith, Minnie
	Lee, Sebastian Salas-Vega, Jenny Wong
BUSINESS ADMINISTRATOR	Shayna Abramson
DISTRIBUTION STAFF	Anum Azam, Mark Mehlinger,
	Phil Roberts

THE JOHNS HOPKINS NEWS-LETTER

The Gatehouse

(on the corner of N. Charles Street
and Art Museum Drive)

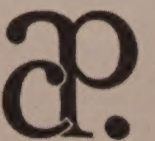
The Johns Hopkins News-Letter is published every Thursday during the academic year by the students of The Johns Hopkins University with the exception of holidays, exam periods and vacations. The views expressed herein do not necessarily represent those of the editorial board. All submissions become property of the *News-Letter*.

Business hours are Mondays through Fridays, 1-5 p.m. The deadline for advertisements is 5 p.m. on the Tuesday before the Thursday of publication. Subscriptions are available to our readers for \$35 per semester, \$70 for the full academic year. The total circulation to the local campuses of Johns Hopkins (Homewood, Medical School and Hospital, Peabody, Downtown Center), area colleges and the greater Baltimore region is 6,200.

©2007 The Johns Hopkins News-Letter. No material in this issue may be reproduced without the expressed written permission of the Editors-in-Chief.

Mailing Address:
Levering Suite 102
The Johns Hopkins University
3400 North Charles Street
Baltimore, MD 21218

Main Phone Number: (410) 516-6000
Business/Advertising: (410) 516-4228
Fax Number: (410) 516-6565
E-mail: News.Letter@jhu.edu
<http://www.jhunewsletter.com>



OPINIONS

With the exception of editorials, the opinions expressed here are those of the contributors. They are not necessarily those of The Johns Hopkins News-Letter.

Communal Considerations

By PAUL GROSSINGER

As I left the parking lot of Homewood campus last November after my tour and interview, my mind was swimming with information. I confess that I could not remember all of the details imported from my guide — the size of the school or the amount of hours BME majors spent in the library. But one thing did stick in my head as my parents and I drove away.

While walking backwards down the steps of the breezeway, our guide had mentioned, just briefly, that Hopkins was constructing a biotechnology research park adjacent to its massive East Baltimore Medical Campus. In order to do so, it was buying up large sections of housing in the area, historically one of Baltimore's poorest neighborhoods and, in the process, evicting its residents.

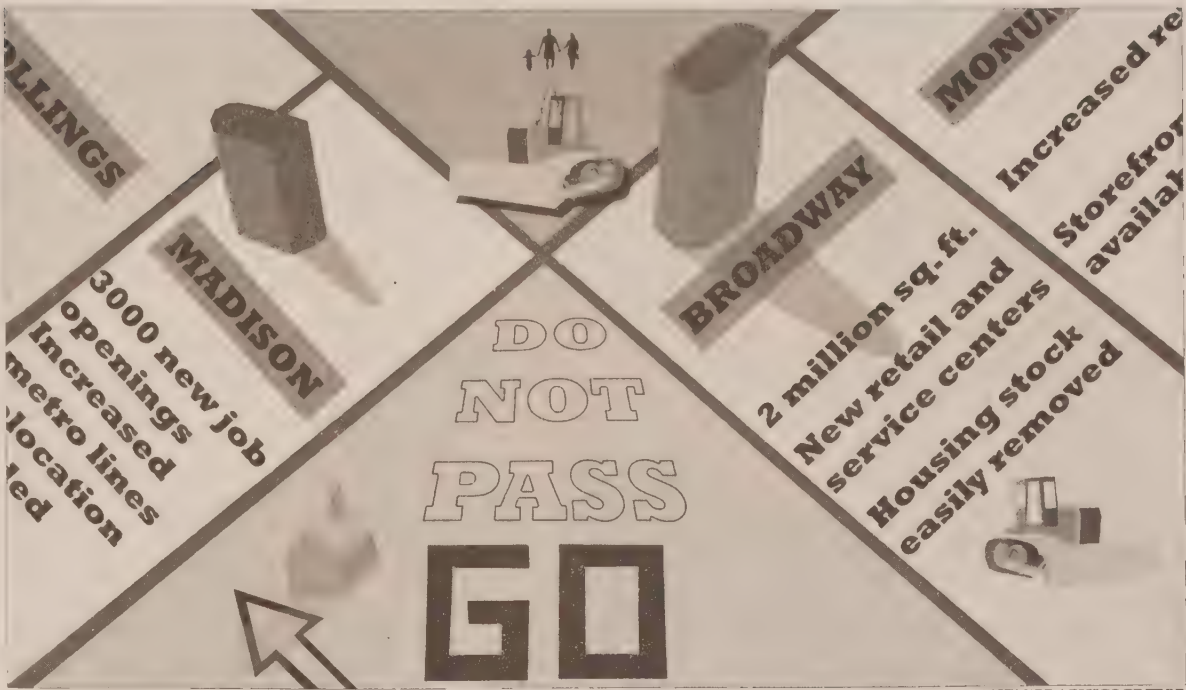
After considerable research, I discovered that this project is a massive endeavor which began in 2002. Johns Hopkins, in cooperation with Baltimore City, is revamping 22 acres of the largely poor and dilapidated neighborhood north of its East Baltimore Medical Campus.

Former mayor and current Maryland governor Martin O'Malley stated that the development "is more than real estate development, it is community development...and can be a force of change in East Baltimore."

According to East Baltimore Development Inc., which supervises the project, the new biotech park could be the "economic linchpin" of the whole neighborhood.

Why did this stick in my mind? Perhaps it lingered with me because this project seemed to represent the Hopkins relationship with Baltimore as a whole — a relationship built over a century and a half of coexistence that is deep, sometimes contradictory and definitely worthy of more interest than we gener-

Paul Grossinger is a freshman from Chicago, Ill.



MATT HANSEN/GRAPHICS EDITOR

ally accord it.

This particular issue was a microcosm for the whole topic of Baltimore-Hopkins relations. We can see our school using its ample trust funds to add on to the University and, consequently, revitalize a section of Baltimore.

Likely, as more students and researchers use this revamped area of the Hopkins campus, Chipotles, Subways and other charming little collegiate-style shops will spring up, thereby transforming the entire neighborhood. However while this may seem positive from this perspective (and, to some degree, it is), that is only one side of the story.

One also has to ask, "What will happen to those evicted members of the public housing that Johns Hopkins has just demolished?" According to East Baltimore Inc, Hopkins paid only \$50,000

in compensation to these individuals on average — a sum that may fall short of covering comparable housing in other, more developed areas of the city.

Johns Hopkins is a rich school in a relatively poor city. While diverse, its diversity does not reflect the demographics of its hometown. The priorities and goals of its students are drastically different from those of the people outside it.

Thus from the perspective of many of us who are part of this institution, the revamping of East Baltimore campus must seem to be wholly positive — the University benefits, the neighborhood is gentrified, and, in short, everyone is happy.

It is at this point that, in order to remain 'down to earth' and retain our humanity, we must stop to look at the whole picture.

Those people we displace, though

poor, are every bit as important as any of us. No one by virtue of their status as a human being deserves to have their needs and wants ignored by those with the power to grant or destroy them. Therefore it is our duty as a body of people and as an institution to find a symbiotic way to complete the process, or, if this is not possible, to at the least remain sympathetic to the needs of those around us.

If I leave my reader with any memory that sticks I hope it is this: Baltimore is our home while we reside here on Homewood Campus and its people are our neighbors. This is a fact that we must always remember as we feverishly expand.

While we work to better our institution, we must always work to better the lives of both the area and the people around us.

Reasserting reality over dogma

By CUONG NGUYEN

Let's face it: the United States government is in shambles. People have been predicting the inevitable fracture and defeat of the Republicans for years because there is such a strong divide between the traditional conservatives and the neo-conservatives. Given the egregious and undeniable failures of the Bush administration's neo-conservative ideology in the Middle East and throughout the War on Terror, popular support for the movement should surely wane, if not die altogether. Some might predict that after the recent elections not a single member of Congress will identify himself with the "neo-conservative" agenda. Others would say it is on the verge of death, and the end of the current White House administration would be the end of neo-conservatism and a new beginning for the United States. However this rationale overlooks the strong ties that bind neo-conservatism to evangelical Christianity — an affiliation that may breathe new life into this seemingly doomed political philosophy.

Neo-conservatives frequently appeal to religious principles to further their po-

litical agenda. By championing Christian values and projecting a Christian identity, neo-conservatives garner the support of many individuals who equate religious righteousness with political righteousness. Effectively, these supporters extend their blind faith to these politicians. While blind faith is required in religion, it is an extremely dangerous practice in secular life, because it obstructs critical thought — a necessity for democracy. A perfect God certainly deserves blind faith, but all humans, politicians included, are inherently imperfect. In the BBC documentary *The Power of Nightmares*, Michael Lind states that "for the neo-conservatives, religion is an instrument of promoting morality." While morality is by definition righteous and religion is, in principle, moral, religion has been manipulated for immoral and unrighteous ends.

Religious conservatives have exploited religion in the last Presidential election, building a strong base of support for neo-conservatism. The Bush administration has exploited this religious base to justify its expansionist policies, exhibited in the muscular exercise of U.S. military, economic and political power abroad.

Yes, other parties have abused their power and have waged unjust wars in

the past. However the neo-conservative mantle is distinctly unapologetic, exceptionally arrogant, and driven to excess in these regards: The party that portrays itself as morally righteous is particularly reluctant to admit or learn for their mistakes. Thich Nhat Hanh, a famous Vietnamese monk and writer, said it best: "In order to rally people, governments need enemies. They want us to be afraid, to hate, so we will rally behind them. And if they do not have a real enemy, they will invent one in order to mobilize us."

I do not fear the enemy created by the current neo-conservative movement. Few nations would be foolhardy enough to follow the U.S.'s precedent of disregarding the rights of loyal and law-abiding citizens under the pretext of national security, or to exploit religious sympathies in pursuit of power. We have the power to end the neo-conservative movement. We can rescue this country from traveling down the destructive path of war, abuse of loyal rights and failed international leadership — all justified under the mantle of conservatism.

Neo-conservatives believe that national security is best attained with the

spreading of "freedom" and "democracy." This aggressive diplomatic approach deviates considerably from the original conservative mantle — to maintain supportive and mutually beneficial trade relationships with regimes, while avoiding unnecessary interventions in foreign affairs. This isolationism is the basis of true conservatism — a diplomatic philosophy that was clearly violated by the highly interventionist and mutually detrimental Iraq War.

The end of the neoconservative era hinges on much more than the outcome of the 2008 presidential election, it relies on the enlightenment of the public. Christians must realize that Christian politicians will not always champion Christian virtues, and fellow conservatives must understand that the neo-conservative movement is only vaguely connected to conservatism. By withdrawing their support for a political philosophy that does not represent our interests, we have the power to bring an end to the predominance of neo-conservatism.

Cuong Nguyen is a freshman philosophy major from San Diego, Calif.

Are we overcompensating?

It didn't take long for me to realize the validity of the stereotypical nerdy cutthroat Hopkins student. Orientation provoked the creation of a social pecking order in which people measure one another's worth based on the credible results of standardized tests and inflated high school GPAs. If students pass each other's first numerical inquiry, they might get intimate enough to compare the ultimate measure of intellect, the all-mighty IQ score. If this isn't the start of a life-long friendship, I cannot imagine what is.

It might be natural for someone who did not come to this school with the intention of overcompensating for not-so-hidden insecurities to stay away from these pitiful fools, but alas, I made the unfortunate decision to actually leave my dorm room.

In the process, I even got dragged along to attend an open house on pre-professional plans. The lecture itself was not too disconcerting, but the questions that followed from the paranoid pre-med-chemical-biomolecular-genetic-Peabody double major about his ability to be better than everyone else left me, as

well as the presenter, rather nauseated.

Upon leaving this enlightening event a friend and I came to our own solution: these individuals should either calm down now or give up, to save spare themselves the chance that they might not be the best.

Eavesdropping on our cynical conversation, another student decided to defend the frantic psyche of pre-med students because, as he informed us, "only the best students will get into the top med schools." Apparently I should begin worrying about the MCATs as soon as possible or I, too, will fail.

In all seriousness, I found this new Hopkins way of life to be a rather disturbing welcome to the world of serious college students.

In the Hopkins world, a student needs to plan several years ahead to avoid jeopardizing his or her chances of getting into graduate school. I would be lying if I exempted myself from that group, yet I refuse to waste my college years — supposedly the best years of one's life — locked away reading textbooks.

The problem is that many students

are ignorant of an important aspect of the college experience — the development of social skills. Put simply, I have met fellow classmates who would rather conduct a chemistry lab than have a meaningful discussion with another person.

With playful sarcasm, I try to provoke conversations that expose this shortcoming. There is great entertainment value in a student's inability to articulate a thought about a subject beyond classroom babble.

Despite the profound knowledge of these students, I cannot help but wonder how they ever expect to communicate this intellect in a form more meaningful form than numbers. I cherish the day one of these prodigies realizes that they actually will need to handle themselves in social settings, unless they plan to forever reside in the dreary corner of a research laboratory, not that that doesn't sound riveting.

In fairness, the initial shock of entering a class of oblivious high school valedictorians has subsided considerably, which I can only attribute to the intense rude awakenings that they have enjoyed

since the first day of classes. It is quite amusing how quickly these students realized that they were actually going to be challenged for the first time in a class where they might not even be the best. I do, however, have faith that students will eventually stop perpetuating the same stereotype that they unsuccessfully refute, because they have yet to master the art of communication when there is no grade assigned.

Soon enough students will realize that their merit expressed on paper does not hold any relevance when conveying their intellect to others. If they do not wish to sound like naïve fools, they will inevitably conform to a world in which people can communicate their intellect through conversation that is not based on their numerical resume. Consider this: When you enter the "real world," your SAT scores won't necessarily get you the respect the College Board says you deserve.

Devon Cohen is a freshman from West Palm Beach, FL.

A call to end sexual slavery in Greece

By CHLOE MARK

We have all heard of 'sexual trafficking' or perhaps the more colloquial term 'sex slavery.' It is one of those buzz words that shows up on *60 Minutes*, one of the sick remnants of an age that most members of a liberal democracy have hoped to abandon. Whenever the public gets word of such a story, the outcry is great; if you were to ask someone how they felt about sex slavery the answer would be a mixture of disgust with the perpetrator and great sympathy for the victim, for it is one of those acts that goes against the very grain of humanity.

This is why it is all the more surprising when an issue with as much popular support as the eradication of sex slavery goes unaddressed and ignored by a government. However this is the current state of the sex trade in modern Greece where, despite the urgency, little is done to prevent sex slavery, and even more shockingly nothing is done to help the victims.

From 1990 to 1997 the Greek sex trade grew by a factor of 10, and in 2000 alone 90,000 women were believed to have been trafficked into Greece. In 2002, in response to the rise of trafficking and growing international disapproval, a law was passed by the Greek government calling for the official identification of sex slaves as 'victims of trafficking,' legally guaranteeing these women assistance and protection. However, if these women are not properly identified as 'victims of trafficking' their stories would resemble that of Marjana Valkova, a Bulgarian woman who fled to Greece in hopes of prosperity and was instead sold into the sex trade. After finally being discovered by the authorities she was given protection, but was put in prison for four months for prostitution and then kicked out of Greece for being an illegal alien. What these women must face seems doubly cruel because the country that gave them hope for a better life has proven to be a place that ultimately holds their demise, and the state does nothing to rectify this loss.

The great concern among human rights activists today is that there are no mechanisms in Greece to identify and support trafficking victims. While laws may be in place, nothing is being done to enforce them. More often than not the stories of trafficked women follow that of Valkova: They are identified as criminals and illegal immigrants instead of as victims of gross human rights abuses. Even more troubling is that detailed information about the whereabouts of these women in the hands of the police rarely promises that these women will be sought out or that their captors will be put in jail.

Even worse is that if these women do manage to escape, the government has refused to support them. The government instead uses these women's lack of passports or medical checks as excuses to avoid giving them any kind of financial aid or physical support.

Ultimately the Greek government's response to the sex trade seems to be one of apathy and under-funding. The last question that one might ask in this situation is "Why?" Why isn't Greece upholding human rights laws to which it agreed upon joining the EU? Why are so many women in the sex trade in Greece when only slightly more effort would greatly increase the prevention of trafficking? Is it because it does not directly affect their own electorate? Pressure needs to be put on the Greek government from the international community to take this issue more seriously.

Only through international condemnation can any headway be made on this issue, more funding be provided to support the victims of the sex trade and more efforts put into their discovery. Apathy is not an appropriate response to such an abuse of human rights: It is not appropriate on the part of Greece nor is it appropriate for any individual who is knowledgeable about such abuse.

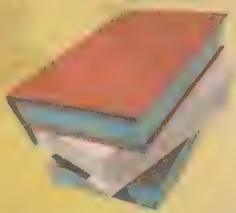
The Hopkins chapter of Amnesty International has been working to publicize the issue. If you would like to learn more, visit <http://www.amnesty-usa.org> and consider attending a letter-signing campaign hosted by the Hopkins Amnesty International Chapter. It will be an all-day event on Friday, Oct. 5 in the breezeway and in front of Fresh Food Café.

Chloe Mark is a sophomore International Relations and French double major from Ather-ton, CA.

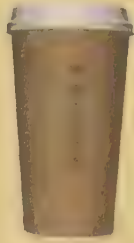
PAID ADVERTISEMENT

Campus Essentials

Don't leave your dorm without:



Books



Coffee



Keys!



Cell Phone



Student I.D.



Frisbee



Breakfast



Tunes



Your Credit Union

JHU students are now eligible to join the Johns Hopkins Federal Credit Union!

Use JHFCU's Student Checking account to help manage your life both on and off campus, with access to more than 26,000 surcharge-free ATMs across the nation and purchases wherever Visa® is accepted. Plus, you get these great freebies:

- Free Visa Check card
- Online e-statements
- Free box of JHFCU-style checks
- 10 free ATM withdrawals per month*
- Free Online Bill Payment (as long as you pay at least one bill per month)



THE JOHNS HOPKINS
FEDERAL CREDIT UNION

— Serving the Johns Hopkins community since 1971 —

Stop by our branch in Charles Commons at 4 E. 33rd Street, next to the Barnes & Noble Café, to find out more about our student services!

Open a Student Checking Account & Get a Free Gift!

www.jhfcu.org • 410-534-4500

NCUA

Your savings federally insured to at least \$100,000 and backed by the full faith and credit of the United States Government National Credit Union Administration, a U.S. Government Agency

*At no charge from JHFCU. Members are responsible for any surcharges the ATM owner may impose. Obtaining cash back during a point-of-sale transaction is free and does not count as an ATM withdrawal.

THE B SECTION

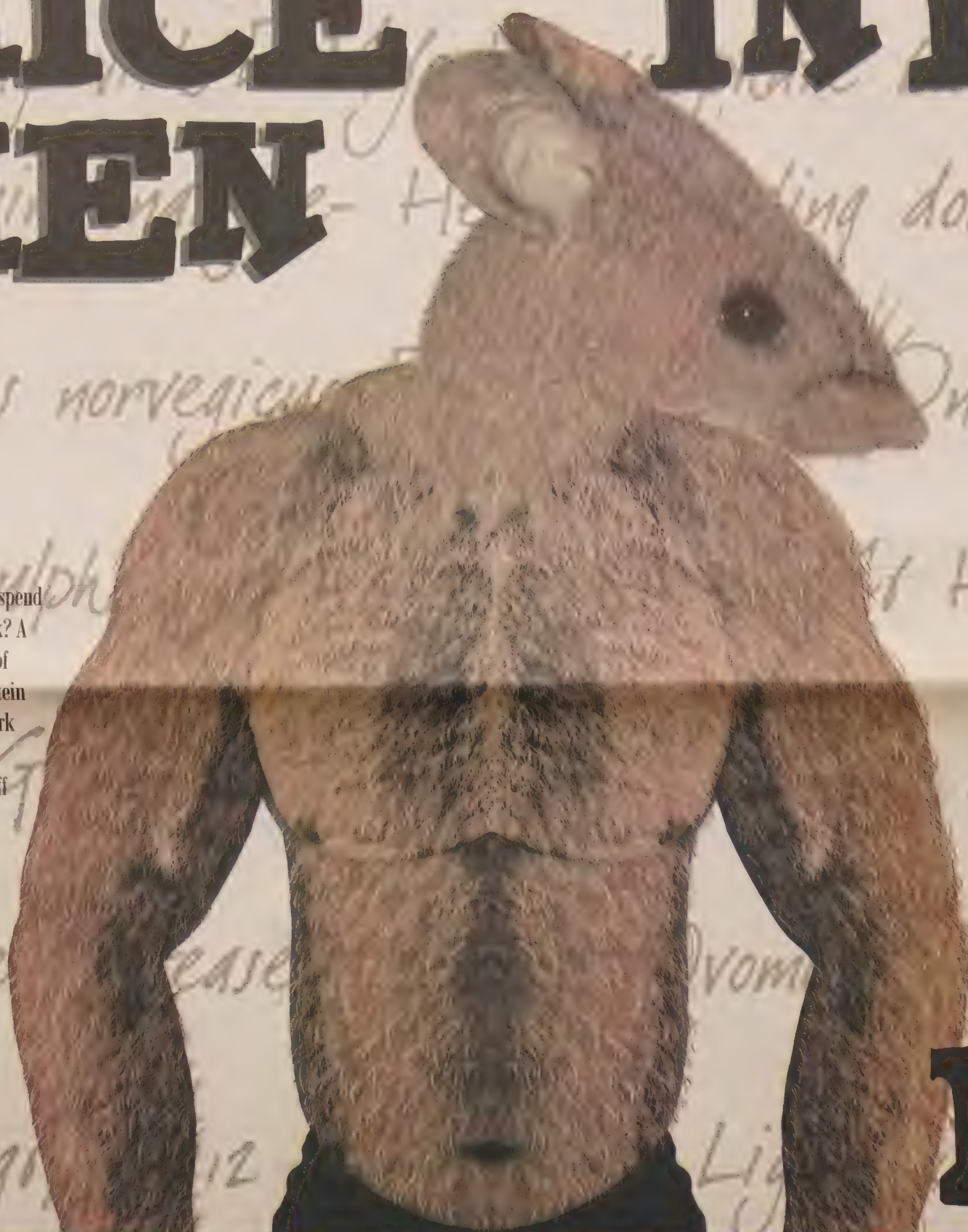
The Johns Hopkins
News-Letter

Arts & Entertainment • Science & Technology • Your News-Letter • Cartoons • Calendar • Sports

SEPTEMBER 27, 2007

TURNING MICE INTO MEN

How many hours do you spend lifting weights each week? A researcher at the School of Medicine has found a protein that can do all of that work for you — or at least for mice. Check out these buff rodents on B6.



B6

When was the last time you ran 100 miles in one day?



On an average day Collin Anderson runs 20 miles. If this sounds excessive then consider the fact that he's an ultramarathoner, running upwards of 100 miles per race. It's a feat that takes him almost an entire day to do (well, 23 hours and nine minutes to be exact) and it's a grueling endeavor that taxes his mind and body. At the age of 20 he can run 100-mile marathons and he hopes to reach the 350-mile mark by the time he's 35. Find out exactly what it takes to be an ultramarathoner in the Sports section on page B11.

CALENDAR SEPTEMBER 27-OCTOBER 3

SEPT.
27

Local events

Thursday, Sept. 27

What: Baltimore Orioles vs. Toronto Blue Jays
Where: Camden Yards (333 W. Camden St.)
When: 7:05 p.m.
Info: (888) 848-BIRD

The Baltimore Orioles take on the Toronto Blue Jays at Camden Yards. Take advantage of the beautiful weather before it starts freezing by buying tickets online at www.orioles.com, or by calling (888) 848-BIRD, or visit the box office at Camden Yards.

Friday, Sept. 28

What: Friday Happy Hour
Where: Power Plant Live! On the plaza.
When: Music starts at 7:00 p.m.
Info: powerplantlive.com

Pat McGee Band and Josh Kelley are performing — music starts at 7 p.m. Power Plant Live! is located at the intersection of Market Place and Water Street in downtown Baltimore, Md., immediately off Interstate 83. Come for free live music and a great atmosphere of a bustling ring of bars including Howl at the Moon, Rams Head Live!, and Angels Rock Bar. Visit <http://powerplantlive.com> for more information.

Saturday, Sept. 29

What: Andrew Bird @ Sonar
Where: Sonar (407 E. Saratoga St.)
When: 8:00 p.m.
Info: \$22 in advance, \$25 at doors.

Andrew Bird will be performing in the intimate setting of Sonar, which is located at 407 E. Saratoga St. in Baltimore. Using multi-track systems and looping technologies in his live performances, Andrew Bird remains one of the few artists who leaves music critics fumbling for a fit-

ting label. A classically trained violinist, former swing jazz musician and now indie/alt rock performer, Bird is one of the most imaginative and distinctive artists putting on shows today; check him out at Sonar to decide for yourself. <http://www.sonarbaltimore.com> for ticketing info.

Sunday, Sept. 30

What: Annapolis Symphony Orchestra
Where: Chesapeake Arts Center
When: 3 p.m. — 5 p.m.
Info: (410) 636-6597

Maryland's Capitol City orchestra, under the leadership of Music Director Jose-Luis Nova, will present an exciting concert highlighted by "Brahms Violin Concert" performed by rising American soloist Soovin Kim. Perfect for a Sunday night of pretending you are just a little more cultured than college usually allows. For tickets, call (410) 636-6597.

Monday, Oct. 1st

What: Festival on the Edge
Where: Hopkins Center for the Arts

Sip on coffee and relax and enjoy performances by local artists in the Hopkins Center for the Arts intimate black box theater. A mix of music, comedy, spoken word, dance, theater and just about anything else keeps this series lively and entertaining, and showcases the talent of many up and coming artists. Each night features an eclectic blend. Make this your Monday night routine.

Tuesday, Oct. 2

What: MICA Faculty Exhibition
Where: Maryland Institute College of Art
When: 10 a.m. — 5 p.m.
Info: Free

The annual Faculty Exhibition highlights works by current faculty members in a wide range of media. This exhibition is a rare

opportunity to see the range, depth and diversity of talents of MICA's faculty members, including some of the most productive and influential artists in the Baltimore community.

Wednesday, Oct. 3

SPOTLIGHT

What: Kings of Leon
Where: Rams Head Live!
When: 7 p.m. doors
Info: \$29.95 inc. tax

Read the Spotlight article featured for a more detailed look into Kings of Leon. Comprised of three brothers and a cousin, the Kings of Leon are a family act you won't want to miss. Putting on high-energy shows and engaging the audience, Kings of Leon in a small venue such as Rams Head Live! are sure to put on an electric, rocking, show. <http://www.myspace.com/kingsofleon> for a sneak peak of their southern rock sound. Go to <http://ramshhead-live.com> for ticket information.

What: Common with special guest Q-Tip
Where: Sonar;
When: Doors open at 8 p.m.
Info: \$34 (visit <http://www.sonarbaltimore.com> for ticket information)

2K Sports presents The Bounce Tour featuring Common with very special guest, Q-Tip. If you missed Common's performance brought to you by The Hop on campus last year, or are a freshman and a fan of this artist, don't let classes and work get in your way. Visit <http://www.sonarbaltimore.com> for ticketing information.

Thursday, Oct. 4

What: JHU Fall Career Fair
Where: Homewood O'Connor Rec Center
When: 11 a.m. — 3:00 p.m.
Info: 80+ employers present

Visit the JHU Career Fair to get a head start on employment for the summer.

From Tennessee to Europe; Kings of Leon come to Rams Head Live!

The Nashville, Tenn.-based quartet band, Kings of Leon, comes to Baltimore at Rams Head Live! on Oct. 3 with its newly released third album *Because of the Times*. The band gained acclaim through its previous two albums, *Youth and Young Manhood* and *Aha Shake Heartbreak* and was chosen by popular headlining rock bands The Strokes and U2 to tour with them.

Kings of Leon is made up of three brothers and one cousin from Mt. Juliet, Tenn.: Caleb Followill (lead vocals and rhythm guitar), Jared Followill (bass), Matthew Followill (lead guitar) and Nathan Followill (drums). Their style ranges from Southern rock and indie rock to blues styles.

The group's name is derived from the members' father and grandfather, both named Leon. Three of the members, Nathan, Caleb and Jared, all brothers, spent much of their time traveling the Deep South with their father, a preacher, and being given school lessons by their mother. Their deeply rooted religious upbringing can be seen reflected in their music today. Originally a country band, Nathan, Caleb and Jared soon added their cousin Matthew to the lineup and signed with major record label RCA, making the transition to what would soon become a major rock and roll endeavor.

Their junior album, *Because of the Times*, not surprisingly, is composed of songs inspired by topics such as, according to *Rolling Stones Magazine*, "no-good women, the kind who turn nice country boys into thieves, fugitives or corpses." Unlike other music moguls in the industry today, the Kings do not make attempts to deal with a trendy style of tackling themes like purism; rather the lyrics of Kings are heartfelt, biting and sometimes brutal.

Notable change has been made through the quality of their music; Matthew Followill has continued to ascent into increasingly dynamic sound produced by his masterful guitar playing.

Their first and second albums helped lift Kings of Leon into subtle, yet still perceptible, stardom, especially outside the

COURTESY OF [HTTP://WWW.KINGSOFLION.COM](http://WWW.KINGSOFLION.COM)

The boys of Kings of Leon will perform at the Sonar Lounge next Wednesday, bringing their Southern roots version of a classic rock and roll sound to the stage.

United States. Slowly infiltrating the indie music scene of America, the Kings performed at the Bonnaroo Music and Arts Festival in their home-state of Tennessee just this past summer. The song from their newest album *Morning Light* was used as the opening song for the video game *FIFA 2004*, and the song "Holy Roller Novocaine" was used in the movie *Stuck on You* and the TV show *The Shield*.

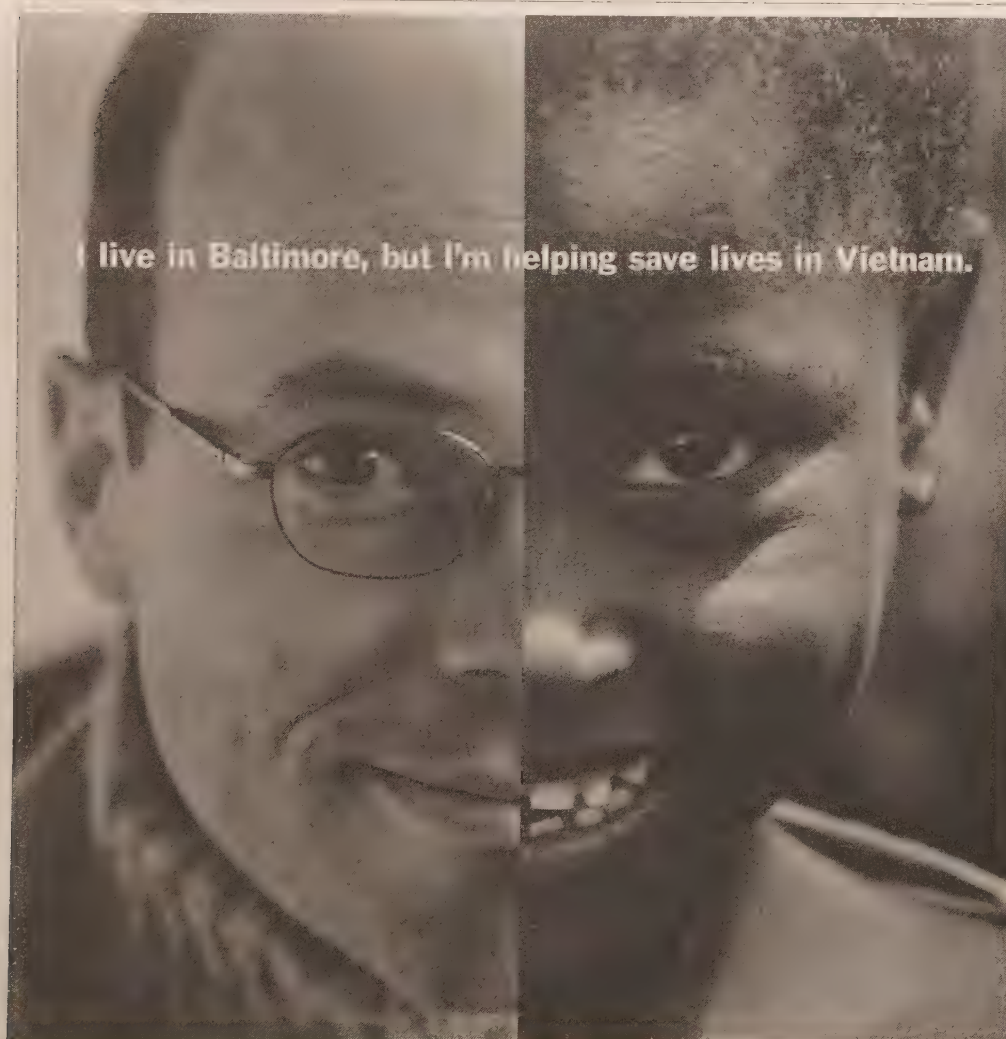
Their sophomore album titled *Aha Shake Heartbreak* was largely successful in the United Kingdom in 2004 and in the United States in 2005. The style of this album, which engaged lots of fans and added to their otherwise below-the-radar appeal, was a mix of garage rock and Southern swagger; "The Buckle" and "Kings of the Rodeo" and other songs represent these styles in particular.

Lead vocalist, Caleb, told UK magazine *NME* that Kings of Leon is currently working on a fourth album, and that the band is already working on individual tracks. Nathan Followill expressed the band's driven work ethic and thirst to bring their

music to the masses during production of their latest album in an *NME.com* interview, saying, "Man, we're sitting on a bunch of songs right now that we wish we could let the world hear!" Their third album, *Because of the Times*, which was released in the U.S. just this year, has marked only a short break for Kings. They have gotten right back on the grind to start recording again. In a more recent interview for *NME*, bassist Jared Followill spoke on the maturation the band has seen, and their hopes for the future. According to Jared, Kings have "broadened [their] musical tastes in the past couple of years and feel ... ready to tackle [their] southern roots ... again."

The band is currently touring the country to promote their newly released album, and has mainly been hitting the college circuit, performing in towns such as Providence, New Haven, Baltimore, Detroit, Atlanta and so on. The tour schedule, and ticketing information, is posted on the Web at www.kingsofleon.com/tour.

— Minyoung Rho



Participate in a study at Johns Hopkins Center for Immunization Research and help put an end to Enteric Diseases.

Without ever leaving Baltimore, you can help save lives all over the world. Today, Enteric Diseases like E. coli, Shigella, Traveler's Diarrhea, and Cholera are the second biggest killer of infants in the world. No vaccine exists, but if you are between 18 and 50 years old, you could help change that. The study will take about twenty hours and you'll be paid for your time.

Earn up to
\$1,000

You have the power to help heal the world.

Call 410-955-SAVE (7283) or go to www.hopkinsprojectsave.org.

Be a life saver.



JOHNS HOPKINS
BLOOMBERG SCHOOL OF PUBLIC HEALTH
Center for Immunization Research

Principal Investigator: A. Louis Bourgeois, PhD, MPH
 Approved by CHR on July 3, 2007 CHR# H.22.04.02.19.A2

Exposure

By Conor Kevit



ARTS & ENTERTAINMENT

Daft Punk's *Electroma* beautiful but plodding Regina Spektor floors Rams Head Live! with sheer talent

By JOHN KERNAN
Arts Editor

Let's set one thing straight right from the start: Daft Punk, as an electronica band, is without peers. Their music greatly influences, and some would argue, defines an entire genre. This is not in contention. However when an audience member is overheard saying "I want to shoot myself in the face" after a screening of your directorial debut, it might be time to rethink your ambitions as filmmakers.

First, a brief word on the venue. *Electroma* was presented by the Creative Alliance at the Patterson in Fells Point. After paying the five dollar admission fee, I was directed towards the ominous-sounding "back room," where a few score aluminum chairs were arranged in front of a slightly wavy projection screen. Not exactly the OMNIMAX, certainly, but not terrible for an art flick.

All the cool kids were there, with their lopsided hair, their laceless shoes, their striped shirts, their ear plugs. I was glad I wore my techno hat. One poor fellow missed the cred boat and actually wore a Daft Punk shirt.

Surveying the crowd proved much more interesting to me than the opening 30-minute preview for a documentary of filmmaker David Lynch as he made indie flick *Inland Empire*. Little did I know the wry Lynch would prove much more gripping than my heroes of techno.

Finally, or so I thought, *Electroma* began. The experimental movie chronicles the quest of two robots to become human. They live in a world populated completely by other robots, where every face is hidden behind a mask identical to that of one of the two heroes. It was not a terrible idea for a movie. But there were some issues.

First of all, there is no Daft



COURTESY OF BIZ3 PUBLICITY

The Daft Punk robots struggled to be human while the real Daft Punk struggled through their directorial debut movie *Electroma*.

Punk music in this movie. The music was fitting forgettable, unlike the music-driven *Interstella 5555*, an animated featured for which Daft Punk provided the music and inspiration. The mostly mellow music was a letdown for previous Daft Punk fans — that is, everyone in attendance — who are used to deliveries of bass-driven orgies of electronica. Indeed the lack of original music from Daft Punk had one moviegoer lamenting, "That didn't have a [expletive]-ing thing to do with Daft Punk!"

Also notably there is not a word of dialogue in this 74-minute film. The decision to exclude dialogue was not damning in itself, and indeed the cleverness with which the relationship between the robots is wordlessly devel-

oped was very impressive.

More frustrating were the shots of the robots during their journey. Thomas Bangalter and Guy-Manuel de Homem-Christos (that's Daft Punk) apparently wanted to emphasize the length of the robots' journey. And boy did they ever emphasize it. Some shots — that's more than one, mind you — would consist solely of one or both robots walking through the desert or along railroad tracks for about three minutes. After the third time, one wants to shout, "Ok! We get it!" By the fifth time or so, it is excruciating.

Some of the scenes are indeed beautiful and moving. When the robots visit a high-tech facility to get prosthetic human faces, the room and nearly everything in it is completely, blindingly white. The robots themselves and a few devices are the only things which provide any contrast — many of the workers appear only as white outlines against the robots' leather clothes.

During a slightly cliché (and

long) zoom-over desert scene, an unequivocal "natural" image of a explicitly sexual nature materialized. Though it likely was to have some sort of deep meaning (re-birth, perhaps?), it elicited many a chuckle from the supposedly hip, mature crowd.

The robot heroes, predictably, do not fare well in their quest. The poor Robot Number One eventually becomes so dissatisfied with his quest, he has Robot Number Two activate his self-destruct mechanism. Thankfully this is no collapse-in-a-heap self destruct, but rather an impressive explosion. This sequence, with the wordless but obvious conflicting emotions of Robot Two, is probably the most redeeming part of the film.

The idea for this film was a good one, but there was simply not enough material to fill 74 minutes. I can envision this same film being cut to 10 or 15 minutes, set to an original Daft Punk song, and thus becoming one of the greatest things to happen to music videos since thriller. However with no Daft Punk music, no words and never ending, pointless scenes, I join with one of my hipster row-mates in saying, "I'm surprised no one walked out."

Eastern Promises pledges gripping plot, dry violence

By AIDAN RENAGHAN
For The News-Letter

The thing that is so infinitely pleasing about any David Cronenberg film is that no matter what the tone of the movie is, you never know what to expect. All of his movies have their comical, touching and philosophical moments, examining themes much deeper than the subject matter at hand. But no matter what direction he steers one in, the expectation of brutal violence is always right around the corner, threatening to pounce at any moment.

Eastern Promises is no exception. The movie is an examination of the Russian Mafia presence in modern London. The movie opens with Anna, an obstetrician (played by Naomi Watts) who has recently lost her child and moved back home with her mother. She delivers the baby of a 14-year-old Russian girl who dies during labor. Emotionally vulnerable, Anna latches onto the baby, using the deceased girl's diary as a way to find the child's rightful home and atone for her own loss.

Finding a card in the diary, she contacts Semyon, a Russian restaurant owner, to ask him to translate it for her. Unbeknownst to her, he is a Mafia member with deep connections, and it is here that she first encounters Nikolai (played by Viggo Mortenson), a driver for the owner's son who knows more about the inner workings than he should. Anna struggles to do the right thing while becoming entangled in a world where conceptions of right and wrong are practically nonexistent.

The movie is an interesting examination of a dying culture. Cronenberg gives an in-depth look at the practices and prejudices of Russian culture. He focuses much of the movie on the backrooms of the London underbelly, displaying pockets of life where transplanted Russians desperately hold on to the old ways in a foreign land through lavish dinners, trips to the steam bath and a tattooing initiation carried

from the motherland. He is not afraid to confuse the audience, choosing not to subtitle many of the conversations in order to enhance the mysteriousness of such a strange world. These scenes are contrasted with the dreary expansiveness of modern London. Anna lives a simple life, motorcycling around a familiar landscape that seems isolated and bland. She is a lonely doctor who struggles for connection in a city where the death of a 14-year-old girl is a nothing more than a statistic.

While the pace is at times slow, Cronenberg keeps the audience hooked by alluding to the intense violence that constantly bubbles beneath the surface. This is due in no small part to the impressive and risky performance of Mortenson. Playing a Russian immigrant, he adopts a believable accent and an impressive array of Russian phrases and, with unflinching bravery, plays the character the audience hates to love. Anna is fairly uninteresting as the innocent urbanite, but Cronenberg knows what the audience wants, and the movie follows Mortenson through his moral crisis with subtle believability.

The violence is ultimately the star of the show. Cronenberg knows that the genre naturally requires requisite scenes of violence, but he has a vastly different conception of violence than the street shootouts that audiences have grown accustomed to. He has a talent to bring his violence to the real world, showing just how brutal the seemingly attractive criminal life is in reality. If you have the stomach for a fully nude knife fight in a steam bath, then I highly recommend this movie. It is a meditation on life and death, shown in a world that is as foreign as it comes. Like in *A History of Violence* Cronenberg once again utilizes familiar genre conceptions to make a movie that rattles audience expectations. The movie is tough but enjoyable — one where you are never sure what will come next.

The experimental movie chronicles the quest of two robots to become human.

Atmosphere gives a heavenly, highly energetic performance

By AIDAN RENAGHAN
For The News-Letter

I have to say that it has been a long time since my days of Atmosphere obsession. There was a period after he had released his profile raising album, *Seven's Travels*, when I spent many nights driving around my small town blasting their music and feeling incredibly disenfranchised. For a white kid with a severe bent towards hip-hop, the malleable identity and heartfelt words of MC Slug, coupled with the dark and soulful production of DJ Ant, was encouraging in its form and inspiring in its emotion.

Although it stopped having the same resonance after I had graduated and realized things weren't all so bad, I still continued to follow the career of the dynamic duo, buying *You Can't Imagine How Much Fun We're Having* and being severely impressed by the group's musical evolution.

Every time I go to Ram's Head

Live!, the night turns into an ordeal. Sometimes it is the fault of the venue, like when they confiscated my fake ID at a Clipse concert. But more often it is a combination of poor preparation and bad luck. A friend who bailed, two more who decided to come last minute and a veritable orgy of wrong turns threatened to derail the night and ruin a highly anticipated concert. However, we managed to navigate the drunken hordes of young professionals in the Inner Harbor to catch the last few songs of Brother Ali.

A legally blind albino Muslim, Ali's music shares the same soulful production of Atmosphere (both are produced by Ant), but his MC style is vastly different. His themes tend to be both more religious and more violent, and any thoughts that he is simply a novelty act disappear once you hear his heavy and effortless flow.

Ali came in full force, sweating profusely as he burned through

his song "Champion." His voice boomed through the club as he paced the stage spitting to the crowd. His stage presence is extremely impressive, and he was in top form in Baltimore.

Unfortunately Ram's Head Live! is as much a bar as a club, and the young and mostly white crowd were too busy gearing up for the alcohol- and sex-obsessed lyrics of Slug. The few hip-hop heads that attended and were familiar with Ali's impressive catalog seemed to be enjoying the show immensely, but sadly, the large albino with the fiery passion seemed too strange to win over those ignorant of his music.

Disinterest was not a problem for Atmosphere. He was greeted with heavy cheers the moment he came out, and the fans rapped along to every single song, no matter how obscure, but a soulful rendition of "God Loves Ugly" was the unquestioned hit.

The drunk crowd reveled in his angry words, at one point so loudly that he stopped mid-song to ask, "Why are you doing my job for me? I don't come to Merrill Lynch and start messing with your computers."

Backed by a band, the set by Atmosphere was very different from what I was expecting. Although a lead guitar was traded in for two keyboardists and half of the drummers kit consisted of electronic pads, it more a rock concert than a hip-hop show. There were guitars solos, long lead ins, reggae versions of a few songs and Atmosphere left his microphone in

ered just how impressive this singer/songwriter is. Spektor, a true performer, literally bounced around the stage from piano to electric guitar, all the while singing her own lyrics.

During one song, she simultaneously was playing the melody on the piano with her left hand and hitting the chair next to her with her right, while her accomplished voice skipped around from one octave to another. When she wasn't using instruments, such as during her first number, she was tapping the microphone as she sang.

Though Spektor impressed the audience with her ability to hop around, she also showed that she's not afraid of standing still for a while. As a singer, she seems to enjoy getting stuck on words. Beyond words' meanings, she truly appreciates their sounds. One otherwise trite word, such as "love" or "you," engrained itself in my head, even changed meanings, as she repeated it again and again in different tempos, octaves, and rhythms.

Along with her unique way of expressing words, Spektor has

CONTINUED ON PAGE B5



COURTESY OF HTTP://SPRINKLED.WORDPRESS.COM

Regina Spektor has become famous for her authentic lyrics and real-woman image.



COURTESY OF BIZ3 PUBLICITY

Atmosphere continues to make interesting new albums as well as put on powerful live shows.

ARTS & ENTERTAINMENT

Despite plotline, 3:10 to Yuma rides to glory

By FARAH QURESHI
For The News-Letter

Any film starring Christian Bale and Russell Crowe is a guaranteed winner. Add some guns, a few horses and a good old-fashioned race against the clock and you have the reinvention of a storied, nearly extinct film genre. In today's cinematic landscape where sex, stoner humor and urban violence predominate, the remake of this classic western is an underdog to say the least. Nonetheless *3:10 to Yuma* successfully banks on our society's fascination with the ever-waging battle between good and evil and the shades of gray that complicate it.

The story is a simple one. In one corner we have Dan Evans (Christian Bale), a veteran who lost both his leg and his spirit in the Civil War. Dan's your quintessential down-and-out good guy, struggling to make ends meet after a drought has devastated his crops and tested his standing as the enduring patriarch of his family.

After watching his barn burn at the hands of debt collectors, Dan agrees to receive \$200 to help escort feared outlaw, Ben Wade (Russell Crowe), from Bisbee to Contention, from where he will catch the 3:10 train to Yuma Prison, where he will be tried and most likely executed. In the other corner, the opponent is the dreaded Wade, whose unflinching brutality inspires not only fear but a strange fascination in all, including Dan's older son, William (Logan Lerman) and wife, Alice (Gretchen Mol).

As viewers, we know we should be on Dan's side, rooting for this decent man to prove his courage and win back his family's favor.

Still as the story progresses, we cannot help but fall prey to Wade's enigmatic charm, thanks to the power of Crowe's performance. While tending to each of the various aspects of Wade's multifaceted personality with equal care, Crowe successfully transforms a

seemingly transparent evil villain into a living, breathing human with heart and soul, whose motivations are elusive at best. Bale's earnest portrayal of a man broken by circumstance is endearing in its self-pity and refreshingly straightforward. His intentions are clear and unwavering and perfectly balance the ambiguity of Wade's character.

To act beside such impressive leads as Bale and Crowe must be daunting, but here the supporting cast shows no signs of intimidation. In fact, the stars seem to set a standard for the rest of the movie's actors, the strongest of whom is Ben Foster as Wade's loyal and sadistic right hand man, Charlie Prince. Foster electrifies the screen in his inspired and rich portrayal, infusing the film with a personality reminiscent of the greats of this genre yet entirely all its own.

In addition Logan Lerman's depiction of Evans' son and the ambiguous combination of his disappointment in his father and the troubling admiration he feels for Wade adds much needed depth to the storyline.

The plot itself, however, certainly has its flaws. The story is linear and driven entirely by the deadline Evans and his men must meet. Such a simple structure relies primarily on action and character development to capture the viewer's interest. The action undoubtedly delivers, and it does so in lawless, shoot 'em up style with quick wit and classic humor interspersed throughout.

The characters, though, are another matter altogether. As their rationales reveal themselves (or fail to reveal themselves, in some cases) towards the end of the film, it seems to detract from an otherwise decent story. At times, the characters divulge too much information, and in doing so, cheapen what these talented actors have worked so hard to bring to life.

Despite this fairly significant criticism, different aspects of the film pick up the slack for its flaws, immediately refocus-

ing the viewer's attention to its strengths rather than weaknesses. In fact the shortcomings of *3:10 to Yuma*'s plot are dramatically overshadowed by the sheer power of its brilliant cast, quality directing and stunning cinematography. The beautiful visuals and set designs alone evoke a fondness for the western genre in a generation where lazy drawls and archetypal themes are considered outdated.

Ultimately this is because the heart of the film is a study of human nature. By the end, you don't care whether Wade gets on that train or not, but rather how what has happened will affect these characters as people. Though the audience may leave disappointed with its inconsistencies, they are without a doubt entertained with what *3:10 to Yuma* has to offer, and left with a renewed faith in a genre many have considered long dead.



COURTESY OF [HTTP://WWW.ALLMOVIEPHOTO.COM](http://www.allmoviephoto.com)
Russell Crowe and Christian Bale ride off into the sunset in this old school western.

Bodies roll in The Stoop's newest creative project

By GRETCHEN STITELER
News-Letter Staff Writer

What do a cheerleader turned into a *City Paper* editor, a former crime scene investigator, the current East Coast Super Middle Weight Champion, an accident-prone West Virginian, a man who served 39 years prison time for a crime he didn't commit, a pin-up photographer and a car salesman all have in common? Bodies.

The theme for the Sept. 24-installment of The Stoop's storytelling series was "Corpus: Stories About the Body," and the seven above mentioned individuals — and individuals they were — related tales gross, sad, funny and fascinating about that fickle machine, the human bodily form.

For those unfamiliar with The Stoop, it's an occasional forum organized and hosted by author/editor/teacher/improv artist

Laura Wexler and autism specialist/Hopkins alumna/improv artist Jessica Henkin at which seven people get seven minutes each to tell a personal anecdote about a particular theme. Three volunteers from the audience, chosen at random, also get the opportunity to narrate their own three-minute tales, and Caleb Stine and the Brakemen play cliché Americana music to fill all the awkward silences in between.

The Stoop formerly resided at the Patterson with Baltimore's Creative Alliance but has gained such a substantial following in its nine shows and almost-two years of existence that Wexler and Henkin were forced to relocate the program to Centerstage. Even with additional seating the first show at Centerstage was sold out completely.

Anna Ditzkoff, abovementioned cheerleader, started off Monday's lineup with a rather harrowing recollection of an almost-fatal teen car crash. At 16 years of age, Ditzkoff so damaged her spine that she was completely bedridden until the bones self-mended. Her parents rented a hospital bed, planned for elaborate disaster scenarios and gave Ditzkoff a flexible pole for grabbing out-of-reach items, including, apparently, her little brother. "There's something about still being able to make your younger sibling say, 'Ow! Quit it. Ow! Quit it,' that normalizes being confined to a hospital bed in your living room," Ditzkoff said.

Next was Dana Kollmann, former CSI, who currently teaches in the anthropology department at Towson and draws heavily on her many bizarre CSI experiences to do so.

"There will be photographs of you taken after you're dead," Kollmann warned the audience. "So you probably shouldn't choke yourself to death with a pair of women's pantyhose while huffing nitrous oxide and watching Animal Planet." The title of her 2007 book, *Never Suck a Dead Man's Hand: Curious Adventures of a CSI*, sums up the gory gist of her bodily story, which involved frigid weather, advanced rigor mortis and a traffic investigator desperate to get unfrozen fingerprints.

Baltimore born-and-bred Mike "The Persecutor" Paschall spoke next about boxing. After years of hesitation and tentative training, The Persecutor began his professional career in 2004 and is currently 13-0.

"I walked into the stadium and the whole place started cheering like I was Rocky Balboa or something," Paschall recalled of his first fight, "but I looked in the other corner and was like, '[Expletive]' — that's a big guy."

After The Persecutor showed off his Championship belt, Hillary Hansen, a self-professed "serial surgical patient," explained

CONTINUED ON PAGE B5

Church hosts Girl Talk and sweaty hipsters

By SABRINA MUST
For The News-Letter

Mashup DJ Gregg Gillis, better known as Girl Talk, took the stage at 9:30 p.m. on Tuesday Sept. 18, welcoming Baltimore to his show. It was opened by both Dan Deacon and White Williams. The anarchy-loving 2640 Red Emma's Bookstore in Mt. Vernon collaborated with the St. John Baptist Church off of St. Paul Street in order to bring the show to life, pumping the church with ever-eclectic and intense beats. Cloaked beneath his black hoodie, Girl Talk, surrounded by speakers and his computer, enveloped himself in his music, swaying backward and forward, inviting kids wordlessly to join him on stage. Words were unnecessary; the music and beats were loud enough.

Dozens of kids stormed the stage, jumping right into the action, hands in the air, rubbing up against one another in a moshpit/

orgy-looking scene. On the main floor, there was no longer was the church furnished with aisles and aisles of benches for prayer. Instead the floor was fully cleared, allowing the herd of concertgoers to free-style and express themselves openly through movement amid the occasional blow-up beach ball whizzing by. The sanctity of the church was well-respected, maintaining a strict policy against smoking and drinking within the venue. Only soda, water and chips were available for purchase.

The all-knowing *Wikipedia* defines Mashup, Girl Talk's style of music, as: "a musical genre which, in its purest form, consists of the combination of the music from one song with the a cappella from another. Ideally, the music and vocals belong to completely different styles/genres generally considered to be incompatible, yet skillfully and artfully combined into a pleasurable euphonic hybrid." Girl Talk did just that.

From Earth Wind and Fire's "Dancing in September" to the Notorious B.I.G.'s "Big Poppa" to Justin Timberlake's "What Goes Around..." to Kelly Clarkson's "Since You've Been Gone," Girl Talk's transitions and combinations between songs was seamless and effortless. Everything was fair game. The issues of the music's genre or when the music was produced did not matter to Girl Talk. He seemed to appreciate all for their individual ingenuity.

As the auditorium heated up, the air became stickier and stickier and the sweat-infested oxygen made everyone want more. Girl Talk even began to strip down layers, eventually performing topless, his pale skin illuminated in the stage's lighting. Iridescent lights were accented by spasms of disco light pulsations.

Girl Talk's fans wore old-school sneakers, flats, trench boots, cowboy boots and high heels. Some wore summer dresses, some had skinny jeans and tanks, some had on button downs and some wore vintage t-shirts. Yet despite the varying fashion styles, as well as the diverse mix of Hopkins, Goucher, MICA, Peabody and Loyola students, barriers were non-existent. While some fans broke out their old-school dance moves, others performed their best "Beyonce ass jiggle" and "JT Side Glide." Styles, whether in fashion or in dance, mismatched. Yet the differences further justified Girl Talk's creation.

If it wasn't obvious enough from the atmosphere, even John Duda, one of the collective owners of Red Emma's, gushed, "It's been a fantastic night! The music is awesome. We're really glad to be able to use the community space and for everyone to turn out for the show."



COURTESY OF [HTTP://WWW.ELITISTHIPSTERSNOB.TYPEPAD.COM](http://www.elitisthipstersnob.typepad.com)
Girl Talk, admist fans, uses the famous laptop to send unique sounds into the night.

New Vibrations

Iron & Wine
The Shepherd's Dog
Sub Pop
Sept. 25, 2007



Iron & Wine really broke away from its small following when its cover of The Postal Service's "Such Great Heights" was featured in *Garden State*'s soundtrack—music that is cherished by every "cool" high school girl. The style of that cover, however, seemed to pigeonhole the band.

Iron & Wine's first two albums, *Our Endless Numbered Days* and *The Creek Drank the Cradle*, were characterized by barely-there wisps of vocals and plucking guitar strings. The various EP's tended to have similar qualities.

In *The Shepherd's Dog*, however, Iron & Wine begins to take a step back from its typically ethereally and whispery aesthetics, entering a realm of instrumental experimentation, including pronounced percussions.

This is a smart move for Iron & Wine, since, although beautiful and reflective, their last two albums were extremely similar. *The Shepherd's Dog* is a new and positive frontier for Sam Beam, the singer-songwriter behind Iron & Wine.

Not that Iron & Wine fans will be disappointed. Beam's vocals still have the same pleasing, soft tone, and many songs are dominating by that warm guitar. But the band was not afraid to explore new possibilities.

Along with a new sound, Beam is exercising his writing abilities with powerful imagery and symbolically dense lyrics. Apparently Beam was greatly influenced by "political confusion."

This sense of uncertainty is evident in lines such as, "Love was a father's flag and sung like a shank," and, "The shiny blades of pagan angels in our father's skies," from "Pagan Angels and a Borrowed Car." "Innocent Bones" brings forth images of Cain and Abel, perhaps another reference to political opposition.

The last song on the album,

Overall Iron & Wine has created a diverging yet familiar album, filled with intricate lyrics and interesting instrumental uses.

It's soft on the ears but incredibly thought-provoking.

— Sarah Sabshon

Kanye West
Graduation
Roc-a-Fella
Records
Sept. 11, 2007



Let's preface this review with some reality: *Graduation* is not as good as Kanye West's first two albums. But these days, Kanye West doesn't care much for reality.

As arrogant and swaggering as ever, he appears to have transcended self-absorption as we know it: "They say he goin' crazy, and we seen this before, but I ain't doin' pretty good/as far as geniuses go," he raps with a vain nonchalance only he could execute.

Kanye's lyrical delivery spans the range of pretty good to jarringly mediocre, but an overall decent verbal showing paired with a veritable supernova of singular production work marks a stunning transformation for West.

Still rife with West's usual collegiate imagery, *Graduation* is a musical sea change from the jocular introspection of *The College Dropout* and the grim triumphs of *Late Registration*.

Though rapping about drunk girls and Learjets with the same grinning panache as ever, West's third album is an album about West, above all.

He has donned his mortarboard and Gucci shades, but this album is not a graduation ceremony so much as it is the dazzling apotheosis of West's ego. West stands erect as some sort of hip-hop superhuman on *Graduation*, sampling Daft Punk and collaborating with Coldplay's Chris Martin while rap's protozoa crank dat Soulja Boy and party like rock stars.

Simply put, there is nothing else that sounds like *Gradua-*

tion.

On the album's opening track, West chides his peers for being "...scared of the future while I hop in the DeLorean," and that's a pretty fair statement.

Shimmering and dynamic, West's profoundly futuristic beats pulse and swirl through clouds of prismatic synths and keyboard strikes that sound anything but earthly.

The album's sound is epic, and West's verses aim to match this grandiose audio aesthetic.

His boasts sometimes reach over the top to the point of corniness or abstraction, but he is determined to prove that he is just as incredibly good he thinks he is.

After describing himself as only one of the "top five" best rappers in the industry, it's clear that the number-one spot isn't West's ambition, but rather validation of his incredible self-adoration:

"... Yeah, that tuxedo might've been a little guido, but with my ego, I could stand there in a speedo and be looked at like a fuckin' hero," he assures us on a track entitled "The Glory." Even top five might be pushing it a little, but there is no single personality as vibrant and compelling in hip hop today as that of Kanye West, and *Graduation* is a phenomenal trip through the mind of a delightful egomaniac.

— Sam Biddle

ARTS & ENTERTAINMENT



COURTESY OF HTTP://WWW.MESSIAH.EDU

Despite her small-sounding voice and unimposing appearance, Spektor still manages to have an impressive stage presence.

Spektor floors *Rams Head Live!*

CONTINUED FROM PAGE B3
her own language of sounds. As if to lighten the mood of a somber song she would emit sudden odd sounds from her smiling mouth.

At the end of her first song about someone dying she groaned long enough so that the whole audience thought she was crazy and absolutely loved her all at once. While I can't quite identify all of her sounds, hiccups, ribbuts, and scats are a few words that come to mind.

Spektor's unique performance didn't stop with her noises. The actual words in her songs are not lyrics but narratives telling bizarre and entertaining stories. "Hey remember that time when I found the human tooth down on Delancey?" she sang while strumming an electric guitar.

Furthermore Spektor isn't afraid to slip in a political jab here and there. My favorite line of the night was during one particular narrative when she sang:

"Maybe you shouldn't watch the 10 o'clock news — especially Fox 5."

During her encore Spektor branched out a bit by performing a very light and informal number, "Hotel Song," while her opener, Only Son, accompanied her with some singing and scats.

Spektor later returned to the piano to perform the John Lennon hit, "Real Love." Though I preferred listening to her sing her own music she certainly did Lennon's song justice, adding to it her own unique voice and style.

Regina concluded her performance with some of her most popular songs, including "Samson" and "Fidelity," two songs I recognized from the radio and the album my friend gave me. Everyone else at the concert knew the songs, too.

Both of the tunes essentially became free-for-alls. Though I was more interested in hear-

ing Regina sing rather than the crowds of fans, it was sweet to see her enjoy her admirers' enjoyment. I caught myself joining in on a chorus or two, but only in case her glance turned to me, just so she'd know I was also taking pleasure in it all.

Spektor seemed thoroughly to be enjoying herself throughout her performance. She appeared equally proud of her music and humbled by the adoring girls screaming "I'm a lesbian for you, Regina!" I, a relatively new fan, felt that I was being transported into some new realm of innovative music as Spektor sang: "Come into my world, I've got to show, show, show you."

A mellow, yet addictive performer, Spektor proved herself to old and new fans that she and her quirky habits are going to stick around. With her signature hiccup and octave leap all contained in one word, Spektor sang: "... and it's contagiUHous," and we all agreed.

Body Stories mix heartache and humor

Storytellers bring real life stories about their bodies' trials, evoking a wide range of emotion

CONTINUED FROM PAGE B4
in explicit (both technically and sexually) detail the four intricate surgeries she underwent for one jaw injury alone. Intermission followed, then three audience members described sadomasochistic wart removal, vengeful flatulence and the miraculous healing powers of Ben-Gay before Walter Lomax took the stage.

Though perhaps the briefest of the storytellers, Lomax was by far the most remarkable. He calmly reflected on his past 10 months as a free man, having spent almost 40 years unjustly behind bars.

He spoke of the power of the mind and his triumph over anger, both with the wrong done to him and with what he perceives to be the many innocent still imprisoned because of inadequacies within the legal system. Above all he expressed his extreme gratitude for those at Centurion Ministries who worked to prove his innocence and repeat his life sentence.

Glamorous pin-up photographer Stacey Barich took the stage next to explain her choice of profession. "I grew up around a lot of scantily-clad babes," she said, thanking her parents for driving her around in their nudie-wallpapered "Shaggin' Wagon" and keeping a fresh supply of *Hustler* and *Playboy* on the coffee table. "My mother never had a problem being a sex kitten for my dad," she further explained, "and I learned that to

be desired was to have power... I guess I missed the whole women's lib, 'Women are people and not objects' thing."

The last speaker was Phil Meeder. If Lomax's story was the most remarkable, then Meeder's account of his wife's obstacle-ridden quest for a kidney donor was the most poignant. A daughter of a friend finally volunteered, but in the final stages of testing discovered a cancerous tu-

mor on her kidney — the detection of which saved her life but made her ineligible to donate. "You want to talk about mixed emotions?" Meeder joked. "But this story has a happy ending": in May, Hopkins Hospital called his wife in for the 13th time and finally matched her with a viable donor.

The storytellers were all as incredible as their stories. The only

relative low-point of the night was Wexler and Henkin's somewhat superfluous speeches between speakers, which made the program drag a little.

Even so, The Stoop is an event not to be missed. Their next performance, "My Theme Song: Tales about the Ditties that Define Us," will be at Centerstage on Nov. 5.

They're still looking for storytellers for the show as well as for Dec. 10's "Holidays from Hell, Part Deux: Stories about the Happiest Time of the Year," a follow-up to last year's "HFH Part One." The Stoop is also open to ideas for themes for 2008, so drop them a line.

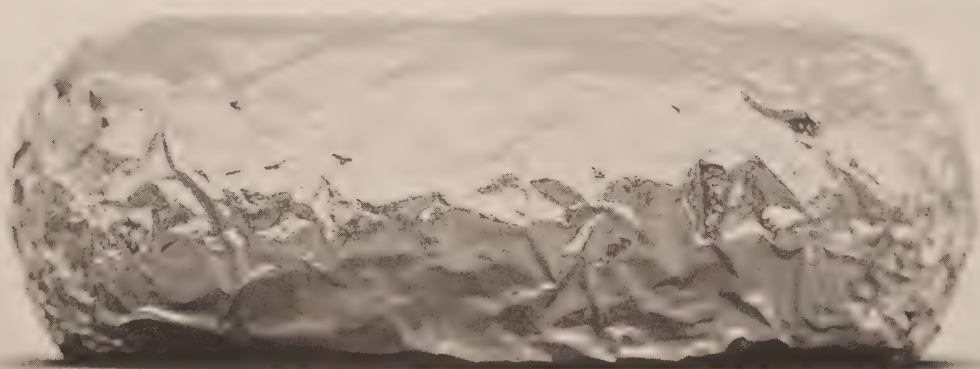
The JHMI shuttle drops off directly next to Centerstage, so there's really no reason not to go. Be sure to get your tickets in advance — way in advance — and prepare yourself to laugh, cry and fall in love with The Stoop.

Tickets are \$12 in advance, \$15 at the door, and can be purchased online at StoopStorytelling.com or by phone at (410)332-0033.



COURTESY OF THE STOOP

The Stoop's first collection of stories at the new Centerstage space sold out the 500 seat venue.



MEAT, NO PRESCRIPTION NEEDED.

How our meat is raised, naturally, makes all the difference.

In fact, all of the meat we serve in Baltimore — beef, chicken and pork — is free of antibiotics and added growth hormones, fed a vegetarian diet and raised humanely. We think that meat raised naturally is better.

Serving naturally raised meat is another step in our ongoing *Food With Integrity* journey — bringing you the best ingredients from the best sources.



— SERVING ANTIBIOTIC- & HORMONE-FREE MEATS IN BALTIMORE —

ST PAUL & 32ND

SCIENCE & TECHNOLOGY

An orange a day keeps the doctor away

By **BEN KALLMAN**
For The News-Letter

Vitamin C can help stop the growth of cancerous tumors — just not how most scientists thought. In a significant finding, researchers led by Chi V. Dang of the Hopkins School of Medicine have uncovered a novel pathway by which antioxidants (for example, vitamin C) may limit tumor growth.

The report, published in *Cancer Cell* last week, challenges current thinking on how antioxidants act to suppress uncontrolled cell division. Nonetheless the study's results bolster previous data that support the use of antioxidants as cancer-combating drugs.

Antioxidants are broadly defined as molecules that prevent or slow the oxidation of other molecules. Oxidation occurs when a molecule loses electrons to another substance. What results is a molecule with one or more unpaired electrons and is termed a free radical.

Unpaired electrons are taboo in the biological world, so free radicals, longing for a mate for

their lonely electrons, are known to be highly reactive. In this sense and as their name implies, free radicals are rather mercurial.

On the one hand they play important roles in many critical biological processes, such as cell signaling and the immune response. Nitric oxide, for example, is well-known as a key biological messenger.

On the other hand, one free radical stealing an electron from another, stable molecule often leads to a chain reaction of unchecked electron-stealing. In some cases, DNA can be the victim of electron theft, especially when the free radicals involved are oxygen-based (members of a subclass called reactive oxygen species). In this case genetic material can be quickly and irreversibly degraded.

Adverse genetic mutations often increase and proliferate, interfering with the cycle of cell replication and, more often than not, producing a tumor or mass.

Though knowledge of antioxidants' anti-tumor properties has been well established since the 1970s, no

study has ever conclusively shown the mechanism by which any one of them acts. Until recently, the protective effects of antioxidants were generally thought to arise from their ability to lower free radical reactivity, thus minimizing damage to genes and stabilizing the genome.

The Hopkins group's findings, however, appear to contradict the conventional wisdom. They recorded no difference between the genomes of vitamin C-treated and untreated mice that had been implanted with cancerous human cells. Instead of directly stabilizing the genome, antioxidants appear to fight tumor growth by curtailing a molecule called hypoxia-inducible factor 1 (HIF-1).

Under normal conditions, HIF-1 stimulates cells whose oxygen supplies are low to construct new oxygen-bringing blood vessels and to convert sugars into energy without using oxygen. When oxygen levels return to normal, HIF-1 is usually chemically tagged and targeted for degradation in the proteasome, the cell's garbage disposal.

Cancerous tumors, however, quickly gobble up the oxygen supplies of their constituent cells and thus need to maintain high HIF-1 levels. Predictably what drives HIF-1 activity are free radicals, all too plentiful in cancerous tumors. By disarming free radicals, antioxidants effectively stop tumor growth.

Moreover the researchers found that this process is dependent upon the activation by antioxidants of two enzymes, prolyl hydroxylase (PHD) and von Hippel-Lindau protein (VHL). Despite their frightening names, these enzymes are essentially biological middlemen, tagging HIF-1 for destruction but not doing any of the grunt work. That's left to the proteasome, as mentioned before.

Extending this discovery in mice to understand human cancer will likely prove challenging, but it provides a concrete basis for investigating and developing long-term, high-dose antioxidant therapies. In the meantime, keep drinking orange juice.



COURTESY OF [HTTP://WWW.HOPKINSMEDICINE.ORG](http://www.hopkinsmedicine.org)

By manipulating the gene that codes for follistatin, researchers produced a mouse (right) with twice as much muscle as usual.

Scientist gives mice some extra muscle

By **VRITIKA PRAKASH**
For The News-Letter

Muscular dystrophy is a group of severe genetic disorders that cause the muscles to weaken. The most common form, Duchenne muscular dystrophy, affects children, many of whom cannot stand or even get out of bed, and have wheelchairs by the age of 12.

But now thanks to basic science research by Se-Jin Lee from the Department of Molecular Biology and Genetics at the Hopkins School of Medicine, there might one day be a viable cure to this genetic affliction as well as other muscle diseases.

Lee has previously found that a protein called myostatin, when absent in mice, results in up to twice the amount of muscle mass in the animals. It has become a growing interest in the scientific community to determine myostatin's pathway in an attempt to improve the quality of patients with muscular degenerative diseases. Lee's latest project is an attempt to understand some of

the ligands, or protein interactors, of myostatin.

Using injections of protein into the nuclei of muscle cells, Lee determined that a protein called follistatin was increasing muscle growth by inhibiting myostatin activity. When he examined the effect of over-expressing follistatin in mice genetically lacking myostatin, there was a doubling of muscle mass. This led him to conclude that there are additional ligands like myostatin that are targeted by follistatin, including one called F66.

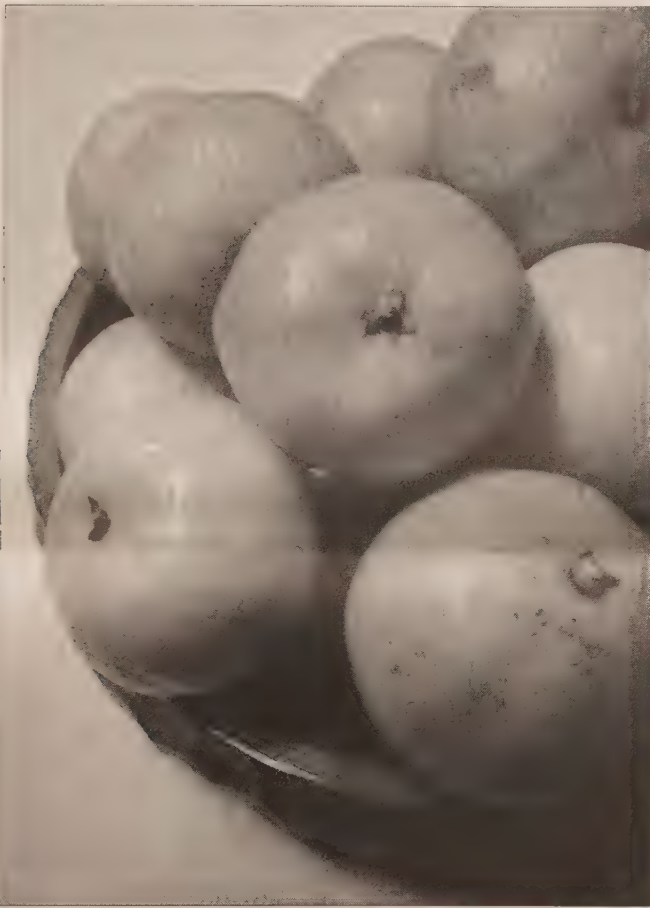
Humans produce less myostatin than mice so these additional ligands could have greater effects than in mice. This basic discovery indicates the importance of continuing research to identify these ligands, so we can manipulate their pathways for the treatment of human diseases by promoting muscle growth.

There was an additional interesting fact discovered by Lee: follistatin-induced muscle weight was greater for mice that inherited their defective myostatin from

their mothers rather than their fathers. All of these tests were done on mice that expressed F66 but Lee carried out a variety of experiments showing that the maternal effect was not dependent on F66.

Lee hypothesized that this maternal effect could occur through the transfer of myostatin prenatally into the fetus or postnatally through nursing. To distinguish between the possibilities Lee moved pups of one myostatin genotype to be nursed by a mother with a different one. A lack of a significant difference among these groups indicates that the maternal effect is most likely prenatal. But more research needs to be done to prove that myostatin is the mediator that is transferred prenatally.

There are probably many more proteins involved in muscle development than originally thought. By determining the pathways by which these proteins are produced and function, it may become possible to increase muscle weight by targeting specific biochemical substrates.



COURTESY OF [HTTP://WWW.WIKIMEDIA.ORG](http://www.wikimedia.org)

Common antioxidants like the vitamin C found in citrus could help prevent cancer.

“Hobbit” was far removed from modern Homo sapiens

By **STEPHEN BERGER**
Science & Technology Editor

Like reuniting with a long-lost cousin, the periodic discovery of a new member of the Hominid family is one of most exciting finds for a modern scientist. Piece by piece, scientists use fossil discoveries to put together the human family tree, from the chimpanzee-like ape to modern *Homo sapiens*, which literally means “wise man.”

As so often happens on an evolutionary time scale, there were likely dozens of species between the ancient primate common ancestor and today's humans. One of these, *Homo floresiensis*, was discovered on the Indonesian island of Flores in 2003. Ever since, debate has raged over where exactly these “hobbits” (nicknamed for their small size) fit in our family tree.

A new analysis of the species' skeleton suggests it is more like ancient apes than modern man. A group led by Matthew Tocheri of the National Museum of Natural History, a Smithsonian museum in Washington, D.C., compared the wrist bones of the hobbit with those of other primates.

The wrist is one of the most complicated structures in the skeleton. In primates it includes eight bones, two joints, four ligaments and a fluid-filled membrane. The arrangement of the bones, or carpals, is the subject of several amusing mnemonics for first year medical students.

The researchers looked at the shapes of three of the carpals found in one fossil specimen of *H. floresiensis* — the trapezoid, scaphoid and capitate bones. Each of the carpals has a unique morphology that allows it to fit in exactly with its neighbors. As a result the bones of the wrist evolve together in each species, so they can often serve as species-unique identifiers.

The trapezoid, scaphoid, and capitate bones of humans are very similar to those of our nearest evolutionary relative, Neanderthals. The wrist bones of hobbits are notably different in several dimensions, however, suggesting that the common ancestor between *H. sapiens* and *H. floresiensis* is much further back than previously thought.

These findings, which appear in this week's issue of *Science*, help to dispel a competing hypothesis about the hobbits: that the specimens found do not represent a different hominid species but rather are modern humans with a disease that affects growth. The most striking feature of the hobbits is their diminutive three-foot stature, which could arise from numerous illnesses known today.

Since the fossils found on Flores are dated from around 18,000 years ago, the new research indicates that modern humans (which arose around 100,000 years ago) shared the planet for several millennia with another human-like species.

Google bankrolls new X-Prize for private lunar lander

By **SAM OHMER**
For The News-Letter

Houston, we have an . . . invasion? Capitalism is making its greatest conquest in history: The moon.

If “science has a serious marketing problem,” as Larry Page, co-founder of Google, has said, “I think Google just solved its own ills.”

At least that's what the X-Prize Foundation and Google would like to happen. On Sept. 13, the foundation that launched the Ansari X-Prize and proved that private space flight was not just a fantasy for *Star Wars* buffs again made history.

The Ansari X-Prize, you will remember, offered a \$10 million purse to the first private group able to launch a manned rocket into suborbital space. It was won in October 2004 by Scaled Composites.

That first X-Prize operated under the assumption that small, private groups of innovators and investors would be more effective than large government bureaucracies when it comes to something as path-breaking as space exploration.

Now the people behind the X-Prize are at it again, taking yet another small step toward humanity's conquest of the heavens. Partnering with Google, the foundation is offering a prize of \$20 million to any private enterprise that can land its rocket on the moon first. In the spirit of keeping competition alive, there is also a runner's up prize of \$5 million to the second team to land on the moon, with the promise of

a bonus \$5 million to the team that can complete the following tasks: once on the moon, roving a distance greater than 5000 meters; photographing artifacts left over from previous missions to the moon; finding water on the moon; or, last but certainly not least, surviving one frigid lunar night.

Just to be clear on how difficult this is: This isn't your run-of-the-mill Earth night. A night on the moon can bring temperatures as low as -387 degrees Fahrenheit (-233 degrees Celsius) and it lasts a whole lot longer than our piddling 15 or so hours. The moon's night, in fact, is just about 14.5 Earth days long! What a siesta!

The first challenge for competitors is getting to the moon. A private company has already volunteered to foot the bill for the rocket launch. That's not the end of the game, though, because the team that is lucky enough to land will also be required to rove the lunar surface for a distance of at least 500 meters while sending back to earth the most precious data packet of all time. It will include a 360-degree panorama of the lunar experience, self-portraits of the actual rover on the lunar surface (not to be Photo-Shopped — ahem), a real-time video of the rover's exploration, a high definition video of the lunar surface and the first e-mail sent from the moon.

The competition comes with a stipulation, however: the \$20 million prize will only be offered until Dec. 31, 2012, at which point it will decrease to \$15 million until the competition's expiration date on Dec. 31, 2014.

Despite all the silly images this competition brings to mind (riding to the moon with Chewy in the passenger seat), it truly is a marvel of modern humanity. Being able to cost-effectively land on the moon opens a door — no, a whole hallway of them. The moon's gravitational field is much weaker than that of earth, making launching spacecraft much easier (think less fuel wasted).

With easier launches, it's feasible to explore space even further: The crazy rings and moons of Saturn, or beyond that, beyond Pluto, all the way to the Oort Cloud hanging way out there, sending a comet our way every so often.

The moon is also an untapped natural resource, its oxygen-rich environment a potential fuel for rockets, and the silicon in the soil perfect for solar panels. Where better to collect solar radiation than the moon?

Astronomers who now have to climb mountains or send satellites into space to do their studies could also take advantage of the moon, exploring the universe without interfering radio waves, light pollution or a pesky atmosphere. Lunar materials could even be used to build extraterrestrial shelters for the ever-expanding members of *Homo sapiens* currently populating and mutilating the Earth with their presence.

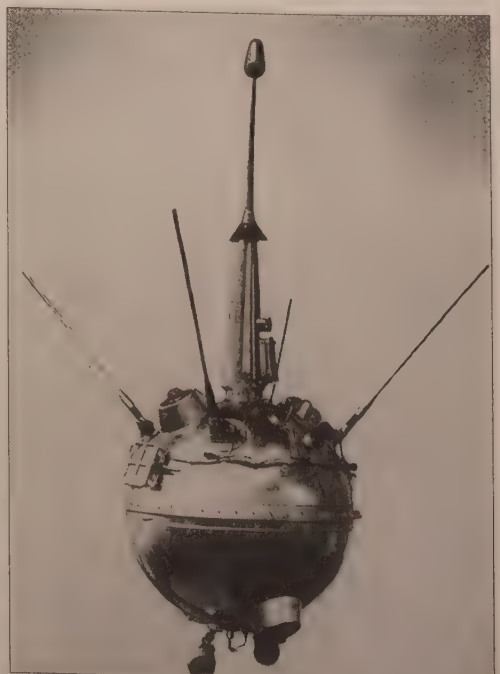
It's elementary, my dear readers: A privately

funded trip to the moon would be a scientific marvel, showing humanity's capacity to overcome obstacles in the way of great science.

A privately-funded lunar landing is not just a dream for nerdy rocket scientists or pagan moon worshippers, but also for the earth and all of humanity, with the hope that one day our children will not only be able to travel to the moon, but see the earth as we see the moon now, from the beautiful Caribbean waters to the icy Antarctic desert.

So here's to Google, to the X-Prize Foundation, to revolution through competition and to all out there dreaming of a tomorrow when science and space do not belong to the government but to the people who can love them best. Here's to us, the laypeople, the lunatics.

Houston, we have lift-off!



COURTESY OF [HTTP://WWW.NASA.GOV](http://www.nasa.gov)

Luna 2, launched in 1959 by the USSR, was the first satellite to land on the moon. Could it inspire a modern attempt?

U.S. spends most on healthcare, with low returns “Nanowires” open doors in next-generation computing

By BARBARA HA
For The News-Letter

A trio of researchers from the Bloomberg School of Public Health has recently completed an analysis of health spending trends in a number of developed countries around the world. They found that Americans spend considerably more money on their personal health than citizens of any other member country of the Organizations for Economic Cooperation and Development (OECD).

This increase has been caused by many different factors, including the greater gross domestic product (GDP) per capita in the U.S. and the higher prices that Americans pay for health care services that are cheaper overseas.

This paper on health spending, which appears in the Sept./Oct. 2007 issue of the journal *Health Affairs*, analyzed the effect of chronic diseases on the level of health care spending. It drew from studies and data collection from 2004, the most recent year for which complete data is available.

The analysts found that chronic diseases make up for 80 percent of health care spending in most OECD countries. The paper goes further to warn that continued lack of action by the OECD countries toward chronic diseases will force those countries to pay a hefty price when it may be too late.

The United States spent the most money on health care in the OECD countries. The United States also spent the largest portion of its GDP on health care — 15.3 percent. This large percentage indicates that because health care takes up such a large share of America's GDP, there is relatively less money for other sectors providing different goods and services to expand their activities and goals.

It is perhaps noteworthy that the United States has a unique

approach to health care services; while most other OECD countries have centered their health care systems on hospitals, the U.S. has worked to develop mechanisms and procedures that minimize the number of hospital stays and inpatient admissions in order to avoid extra costs. Instead much of the emphasis on health care in America has been placed on outpatient care, including physical, dental, and ancillary services — which cost the United States 3.6 times the median OECD country in 2004.

More money in the United States is spent on prevention campaigns, including public health, taking up five times as much funds as the OECD median. This point, however, is subject to qualification because most countries classify different social topics and trends as public health or prevention.

Although America spends a massive amount of money on health care resources, the United States had fewer physicians, nurses and hospital beds and utilization of these resources than the OECD median. This low level of resources and utilization suggests that the United States charges more for health resources than other OECD countries.

This is a mixed blessing: the extra money America spends on health care may be utilized to fund research, to provide the



COURTESY OF HTTP://WWW.WIKIPEDIA.ORG
The main entrance of Johns Hopkins Hospital is a gateway into the best of modern American medicine.

incomes of medical professionals and to obtain more expensive and innovative technology.

The role of chronic diseases in the health care system of America, especially among its patients, is widespread. The most common chronic diseases are diabetes mellitus, chronic lower respiratory disease, cerebrovascular disease, ischemic heart disease and malignant neoplasm.

These illnesses account for roughly half to two-thirds of deaths from all causes in high-income countries.

Chronic illness has recently become a problem of even greater magnitude because of the aging of the U.S. “baby-boomer” population. Partly as a result, studies have shown Americans to be less healthy than Canadians and the

English.

Another part of the study looked at the effects of alcohol consumption and tobacco use on chronic diseases. A strong correlation does not exist because the U.S., a country in which more than half of the deaths are from chronic diseases, has a lower percentage of smokers than all of the OECD countries except Canada and Sweden. Data on alcohol consumption was not provided. Another possible cause for the high presence of chronic disease is a higher American rate of obesity.

Ironically, although the United States spends the greatest amount of money on health care, the health care programs here in America provide less access to resources than other countries that spend less on health care.

By VENKATESH
SRINIVAS
For The News-Letter

A team of Hopkins researchers from the departments of Chemical & Biomolecular Engineering, Earth & Planetary Science and Chemistry has experimented with and constructed three-dimensional networks of nanowires at low temperatures and pressures.

The team, led by Professor David H. Gracias, was able to construct frameworks of nanowires in sizes from ten wires to millions of wires, using a technique known as diffusion bonding. This technique enabled them to form gold-bonded nanowire frameworks at relatively low temperatures and pressures.

This project, titled “Three-Dimensional Electrically Interconnected Nanowire Networks Formed by Diffusion Bonding”, was published this summer in the journal *Langmuir*.

Nanowire frameworks at readily-available temperatures and pressures enable new applications in the areas of sensing, particularly chemical sensing. A particularly neat idea that has been considered is that of self-assembly. Present-day technologies are not able to start self-assembling frameworks of nanowires with desirable properties.

A nanowire is a wire whose radius is in the nanometer range. At these sizes, wires do not behave normally. Quantum mechanical effects become apparent, construction becomes very difficult, and traditional approaches to combination no longer work. Nanowires can be constructed from metals, such as nickel, platinum and gold, semiconductors, such as silicon, or even insulators.

Since they can contain semiconducting elements, it is possible

to construct transistors, gates and the foundations of digital logic with them. This can lead to some very small “intelligent” circuits, with possibly even biological assistance in constructing them. In particular, they can make excellent chemical-detection devices, remaining mostly inert while observing properties about chemicals they are monitoring.

Right now nanowires are mostly confined to the laboratory, partly because of the difficulty in constructing them — high pressures and temperatures are generally necessary to bond nanowires together to form any sort of frameworks.

After nanowires have been constructed, they need to be bonded into some forms before they can be used. The Hopkins team used diffusion bonding to link together gold surfaces on the nanowires, assisted by organic acids present in solder flux. They were able to construct “aggregates,” clusters of joined wires, at standard pressures and temperatures of around 270 degrees Celsius.

The Hopkins team was also able to create multi-element networks, consisting of both gold and platinum wires. Multi-element networks are particularly interesting, because different materials will have different properties in the nanometer range — platinum may be better suited to sensing and catalysis in some cases, while gold might be more readily available or not corroded by the chemicals being measured.

The ability to easily manufacture interconnected nanowires of different elemental compositions is essential to the construction of transistors and molecular gates as well, so it is a necessary technological obstacle to be overcome before constructing the next generation of viable nanoscale computers.

Scientists find a sugar necessary for malaria

Removing chondroitin sulfate E prevents binding and development of the Plasmodium parasite

By AYESHA AFZAL
For The News-Letter

Malaria is a vector disease, meaning that the malaria parasite must spend part of its life cycle in the mosquito before being transmitted to humans. Malaria is most common throughout tropical areas and every year it kills millions of people. The latest research shows that perhaps the trigger to malaria may have been found.

The disease is caused by protozoan parasites of the genus *Plasmodium* and the most common vector for infection is the female *Anopheles* mosquito. The mosquitoes infect humans after

they pierce the skin in order to take blood. The mosquitoes' saliva releases sporozoites, mature *Plasmodium* cells that then infect their new hosts. These sporozoites travel to the liver, multiply and eventually cause infected cells to burst and release merozoites into the blood. The merozoites infect the red blood cells and then spread throughout the body.

A recent breakthrough by a team of researchers at Hopkins could be the first step towards helping prevent malaria from its earliest stages. The group, led by Marcelo Jacobs-Lorena of the Malaria Research Institute in the Bloomberg School of Pub-

lic Health, has identified a sugar that is needed for malaria to live in the mosquito before infecting humans. The results of their work may be used for further studies to help advance methods of early detection and prevention of malaria.

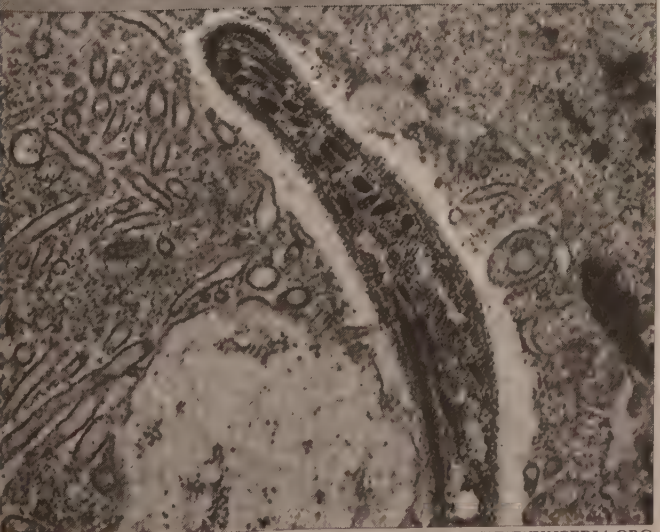
The scientists found that one critical point in the parasite lifecycle is its attachment to the lining of the mosquito hindgut. The mosquito becomes the vector for the disease after the ookinete, the fertilized egg cell of the malaria organism, penetrates the stomach of the mosquitoes. The ookinete then forms an oocyst under the mosquito's outer gut lining. The researchers surmised that the key to prevention of malaria is to prohibit the infection of the protozoan into the mosquito. This study dealt with prevention of the parasite's passage from the mosquito from the beginning.

The researchers focused on a protein called TRAP, or thrombospondin-related adhesive protein, which serves as a signal molecule for the protozoan as it enters the mosquito. TRAP is a cell-surface protein with a large attached sugar group that allows specific recognition and tight binding by the malaria parasite. In mosquitoes, it is found predominantly in the cells of the gut.

The researchers studied TRAP binding by feeding different sugars to mosquitoes overnight. They then measured the degree to which each mosquito's gut cells bound to the malaria parasite, specifically in the ookinete stage. The scientists found a strong binding by the sugar chondroitin sulfate E.

To further prove this finding, the scientists inhibited parasite development by repressing synthesis of the sugar by RNA interference. This lowered sugar levels, which caused a significant decrease in the ability of the malaria organism to develop in the mosquito.

The next step from this experiment is to look at ways to prevent the expression of the sugar so that transmission of malaria is reduced and millions of lives may be saved. Experimental therapies that treat the vector rather than the human patient may be next.



COURTESY OF HTTP://WWW.WIKIPEDIA.ORG

Top: An *Anopheles* mosquito that has landed on a human hand and removed a drop of blood. Bottom: A *Plasmodium* sporozoite attached to a mosquito intestinal cell.

Join us for an exciting season with the world's finest artists!

TRIO JEAN PAUL
Sunday, October 14, 2007 • 5:30 pm

YEFIM BRONFMAN, PIANO
Sunday, December 9, 2007 • 5:30 pm

NATHAN GUNN, BANJO
JULIE GUNN, PIANO
Sunday, January 13, 2008 • 5:30 pm

FREE TO JHU HOMEWOOD & PEABODY STUDENTS!

ALBAN GERHARDT, FLUTE
CECILE LICAD, PIANO
Sunday, February 3, 2008 • 5:30 pm

ALBAN BERG QUARTET
Sunday, February 24, 2008 • 5:30 pm

PIERRE-LAURENT AIMARD, PIANO
Sunday, March 16, 2008 • 5:30 pm

CHOIR OF KING'S COLLEGE CAMBRIDGE
STEPHEN CLEOBURY
DIRECTOR OF MUSIC
Sunday, April 13, 2008 • 5:30 pm
Cathedral of Mary Our Queen

SPECIAL CONCERT!
BEN HEPPNER, TENOR
THOMAS MURACO, PIANO
Sunday, December 2, 2007 • 5:30 pm

CALL 410.516.7164
OR VISIT
WWW.SHRIVERCONCERTS.ORG



2007-2008 SEASON
ShriverHallConcertSeries

YOUR NEWS-LETTER

Five great internships you'd be lucky to get

By **CHLOE MARK**
For The News-Letter

Getting coffee, throwing out junk mail and being everyone's favorite office gopher for little to no money has come to bear the name of "internship." The philosophy of the internship seems to be that performing trivial chores (e.g., stuffing envelopes) will enable an individual to acquire massive amounts of relevant knowledge (unobtainable by any other method). And so internships have become an integral part of the summer plans for most of our college go-getters. Keeping mind of the fact that any internship will probably consist of the same mind-numbing jobs, here are some of the best ones in no particular order.

Stephen Swift Furniture Corp. (Carpentry)

In all of my own vast college experience I have yet to come across any piece of knowledge that will be of actual use to me. I took econ and was told that it didn't represent the world; I took political science courses whose models proved irrelevant. Almost nothing taught renders us able to produce something other than boring and inaccurate thoughts, which no one (not even ourselves) cares about. However carpentry represents the ability to make beautiful pieces of furniture and if you interned at Stephen Swift you would in essence be creating art. At this job you'll end the summer more muscular, more knowledgeable about a different kind of business and with the confidence that even if you don't complete your degree at Hopkins, you'll be able to enter a job with more relevant results than the one you would have gotten anyway.

A hospital in South America

This one is for all of the premeds who are shadowing doctors in the U.S., watching them perform surgery behind a glass plate. I urge you to go to South America, where you'll get elbow-deep into the true life of surgery. South America, land of few strict medical regulations, will provide you with experience for Hopkins want-to-be doctors. How very lenient are they? Well, let me put it this way: I, at the age of 16, went to Ecuador for a week and scrubbed and retracted during cases (things that are not allowed until late in med school). So if I, as a high school student, could get into that mess, imagine what they might let you do? The answer may inspire or terrify you.

MOMA

I suggest this internship to anyone but it probably pertains most to our Art History majors. For one you would get to live not only in New York but also work in arguably one of the world's greatest museums. The internship would introduce the stu-

dent to the workings of being a curator but also to the limitless entertainment that comes from being in contact with modern artists whose eccentricities range from (I can't think of something blah to blah). Finally if you were forced to do the boring jobs that I associate with most internships you could sneak away to all the galleries and bask in one of the MOMA's many important pieces.

The Crocodile Hunter
Although he is deceased, I



MATT HANSEN/GRAPHICS EDITOR

wanted to put Steve Irwin on the list because he would provide arguably the most interesting internship of all time. While traveling the globe's most remote and environmentally flourishing locations you would refine your Australian accent and handle some of the world's fiercest animals. Instead of getting coffee for your uppity boss you might be forced to lie on top of a crocodile while Steve and his crew tie down its legs. Limbs might be lost but memories would be made.

MTV

This internship probably represents the most typical of all internships that I have listed but with many added perks. First of all, while you would be getting coffee for and probably be yelled at by uptight people, they would be famous uptight people or at least people who knew famous people. Concerts and parties that MTV hosts and have access to would become readily available to you. You can chat with celebrities and then decide to never enter the entertainment

Avoid interning for these five notables

By **STEPHEN REILLY**
For The News-Letter

While the values of obtaining an internship are many (looks great on a resume, will teach you more about the field you think you want to enter, gains you connections within that field, etc.), there is reason to enter an internship with caution. There are several people for whom interning may mean less glamour than you'd think. In fact some may border on hellish:

Bill O'Reilly — To get in the

job description. Not only would you be Spears' assistant, you'd become her nanny for her kids, relationship counselor, fashion coordinator, menial task slave and now dance choreographer and music career revivalist. If she isn't willing to pay for all that in one package, then the best you have to gain from this is being on the cover of some tabloid magazines.

Martha Stewart — Granted, there is some sort of wisdom gained from learning how to make the perfect fruit salad or how to arrange the perfect flower bouquet, but in the overall scheme of life, how many people actually make careers off of that? Besides Martha might try to use her authority to give you some financial advice (we all know how well that went for her).

50 Cent — Okay, so you might get the chance to "party in da club" as well as discover the inner workings of the music producing industry, but rolling with this prominent rapper's entourage can be fatal if you aren't wearing a Kevlar vest at all times.

(Former) President Clinton — While his charismatic charm may keep you infatuated and entertained all summer long, if you're a girl, you have to watch out. His appeal may extend a bit too far, as his persuasive nature not only can make an entire nation fall in love with him, but get his interns too ... involved as well.

Britney Spears — You would definitely need to scrutinize the fine print of this internship's

It's the hard-knock life: one intern's advice for survival

By **JENNIFER PENG**
For The News-Letter

I'm no working class hero. I interned at Oprah Winfrey's *O* magazine in New York this summer, which is as close as one can get to complete and utter ecstasy with your pupils undilated. Let not the Winfrey factor eclipse reality, however: Interning is still 21st century hard work, in which commuting, carpal tunnel and unpaid overtime are evils that come fast and furiously.

Interns do grunt work, no doubt, and while the summer's blistered and sweaty sorrow is now autumn's *News-Letter* article, I can honestly say that even when I walked crosstown to pick up a \$300, 50-pound shipment of ornamental baskets, I had a boatload of fun. I also gained a multitude of industry insights, of which I now provide a partial list:

- **Do not allow the intern from suburban Idaho to lead the way back from an errand.** She will take you six blocks past your office before she wonders aloud why things have stopped looking familiar. You will be angry, but too hot to express said anger beyond a groan, as you turn and walk back the way you came.

- **Do love all interns, everywhere, worldwide.** They will let you know over lunch what your summer would have been like had you decided to test the waters of another masthead. You will thank your lucky stars that you did not work for the company that forced its interns to tally up the total retail value price of every item featured in the September issues of competitors' magazines. You will

also have to stifle your envy when hearing about the massive company spring cleanings where Dyson vacuums are handed out like kisses in the land of chocolate.

- **Always arrive prepared.** Siamese yourself with paper, pencil and access pass. Staring empty-handed at marketing executives while they list the meal preferences of 25 people is hilarious to watch, but not at all to experience. Please note: nobody forgets their access pass. I thought making friends with the day shift greeters would help should I ever forget. But when the occasion arose, they waved me to the smiling but slightly hostile faces of the security desk, who asked me immediately if I was an intern, asked who took care of me and reminded me to please not forget my access pass, as I was making everyone's day harder, especially my own. They are not the Wolman Housing Office.

- **Take things in stride.** Humanity has a lot of love to offer. In one situation that love meant calling an intern on her first day to propose that a top-secret project be communicated to the heads of Oprah's companies. The plan involved providing Oprah with an honorary university degree (of which she already has several), followed by

YOUR tracks

Compiled by Adi Eliaz

The Red Bull of all playlists: Songs to keep you awake while doing your mindless office work

For when you have wrenched all possible jokes about The Office out of your mind-numbing job and are three minutes away from a catatonic slump on the copy machine:

10. Tegan and Sara — "Hop a Plane"
A super-catchy song that grabs you by the collar of your flannel shirt and refuses to let go until you get your groove on (discreetly, by the water cooler). The strong female vocals are perfect for shouting along in frustration.
9. Amr Diab — "Allah La Yharamni Menak"
Bouncy pop imported from Egypt! Though the translated title sounds like a line from the Islamic legal code, the melody is pure bouncy, danceable Mideast kitsch.
8. Queen — "Somebody to Love"
Speaking of kitsch ... Who understands frustration better than Freddy Mercury? This classic song about boredom and disappointment is totally appropriate for blasting in your office, when the most exciting thing that's happened to you all day is accidentally stapling your finger to your invoice.
7. Stars — "What I'm Trying to Say"
This song is impossible not to dance to. You'll be shimmying near the (fake) potted ficus within 10 seconds of the opening riff.
6. Tegan and Sara — "The Con"
Oh, angry chick rock. What could possibly encompass your boredom and frustration better than a supremely pissed-off tattooed duo with voices like slingshots?
5. Metro Station — "Seventeen Forever"
This is catchy electro-techno, vaguely European-sounding, totally manufactured pop. The lyrics are trite and easily memorizable. They have a distressingly emo aesthetic. They may hurt your indie cred, but man are they fun to listen to.
4. Umbrellas — "Vampires"
Blood-sucking creatures of the night are to a mellow, catchy pop tune as peanut butter is to chocolate. Or as your job is to you. Or as I am to analogies, clearly. Anyway it's a really fun song whose mellow, catchy hooks will keep you awake.
3. Zorak — "My Heart Is Full of Hatred"
I think this song is sung from the point of view of a grasshopper. A little bizarre, but the title and lyrics like "I am Zorak! You are crap!" are perfectly suited to your attitude towards menial office drudgery.
2. Regina Spektr — "On the Radio"
This song will make you bop your head and snap your fingers and possibly try to yodel. We advise against that.
1. Jenny Owens Young — "Hot in Here" (cover)
She makes hip-hop misogyny sound ... pretty? Young's deep, supple voice and irreverent lyrics will make you want to dance around in your rolling office chair.

BONUS TRACK:

"I've Got a Crush on Obama," by Obama Girl. It's a barely-clad bimette's ode to Barack Obama. *Youtube* it when your boss isn't looking; you'll laugh for days.

DID YOU KNOW?

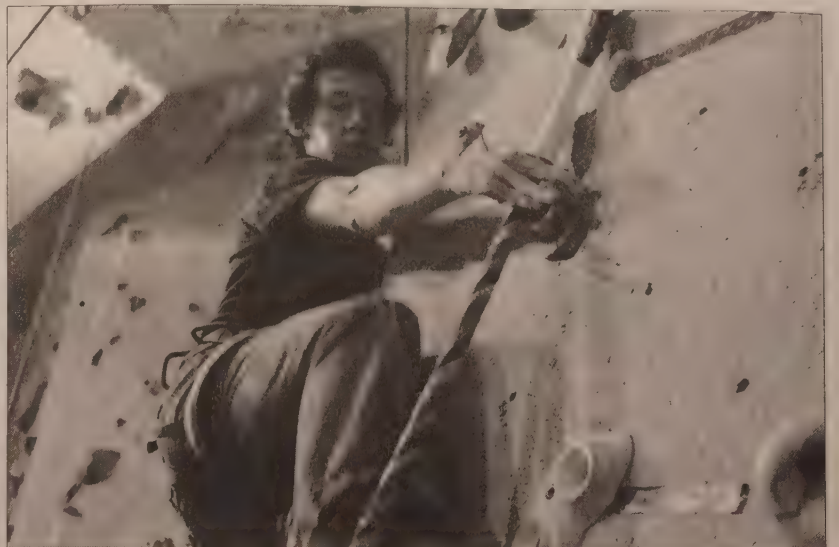
You can receive credit for an unpaid internship

MOST JHU STUDENTS APPLY FOR SUMMER INTERNSHIPS IN THE FALL OR OVER WINTER BREAK

Internships not only can help to further your knowledge in a field, but perhaps help you FIND a field in the first place!

SOME INTERNSHIPS WILL ACTUALLY PAY

JHU CAREER CENTER <http://www.jhu.edu/careers>



FILE PHOTO

Internships can take on many forms, just ask Evan Sznol, a sophomore who cleans the climbing wall.

CARTOONS, ETC.

your horoscope



Aries: (March 21 - April 19)
Mary is a classic, biblical name. Name your second-born daughter Mary. You won't regret it. It's not trendy like Madison or Shaquayla.



Taurus: (April 20 - May 20)
Should you step on a dead, dilapidated rat on your way to class, don't be alarmed. It's been written in the stars for some time now.



Gemini: (May 21 - June 20)
Have you been to the gym lately? Those almost-daily trips to Chipotle are going straight to your thighs. Yes, we can tell.



Cancer: (June 21 - July 22)
Known for their intellectual prowess, grad students are surprisingly easy to bribe. Buy one a coffee if you need help with a paper.



Leo: (July 23 - August 22)
"Better safe than sorry": The words you'll wish you remembered on Sunday morning when you find a rash ... down there.



Virgo: (August 23 - Sept. 22)
Because of the lack of excitement in your life, you'll do something you shouldn't, like rob Uni-Mini or sit on the Beach.



Libra: (Sept. 23 - October 22)
Her name was ... what was it again? Jennifer? Jessica? Jillian? Whatever. She really just has a thing for your roommate. Move on.



Scorpio: (October 23 - Nov. 21)
Facebook is a huge time-waster. Erase your account before someone hacks into it and changes your picture to a hairy ass.



Sagittarius: (Nov. 22 - Dec. 21)
Is there anything worse than a 9 a.m. lecture? Yep, that sinking feeling you'll get when your TA turns down your sexual advances.



Capricorn: (Dec. 23 - January 19)
The last thing on your mind should be yourself this week. Crack open those MCAT books collecting dust on your shelf.



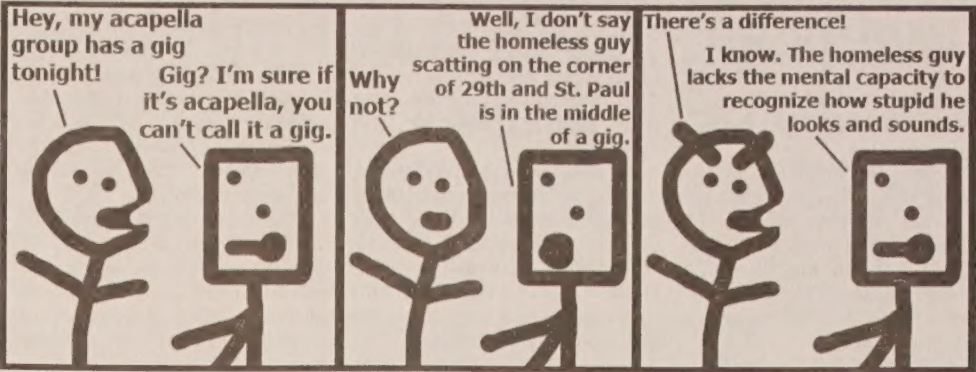
Aquarius: (January 20 - Feb. 18)
Elephant droppings are a smelly yet strangely effective way to moisturize your rough elbows and ankles.



Pisces: (Feb. 19 - March 20)
Man, have you been one average college student lately. You have no chance of getting into med school, so you might as well drop dead.

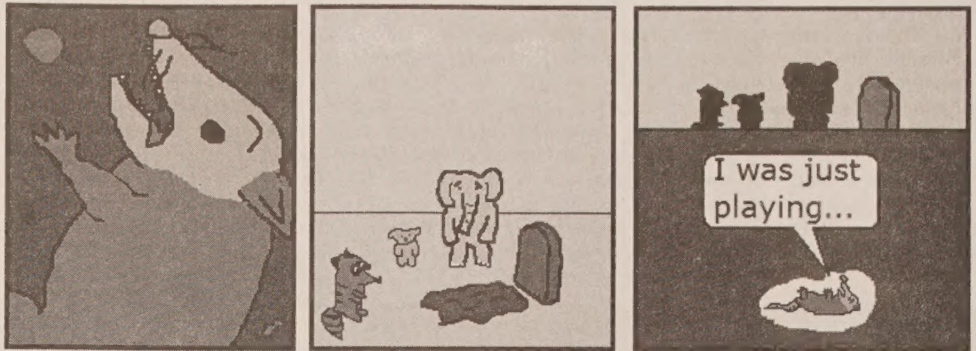
Comicali

by Joe Micali



Wasted Ink

by Nate Min



Sudoku

	5			6	7			3
	4				3	1		
3	6	9					7	8
9								
	2		1		4		6	
								4
6	7					3	4	9
		8	7					1
2			9	4				8

5	1		9			6		
					5			
		9	4				2	
2	6	1					9	
7		8	6		3	2		1
	9					7	8	6
	7				4	3		
			5					
	3			9		6	4	

						1	3	
				6	9	7		5
	4				7	8		
7	9	3		2		4		
	5						7	
		2		7		5	1	3
		7	3				9	
9		6	2	4				
	3	8						

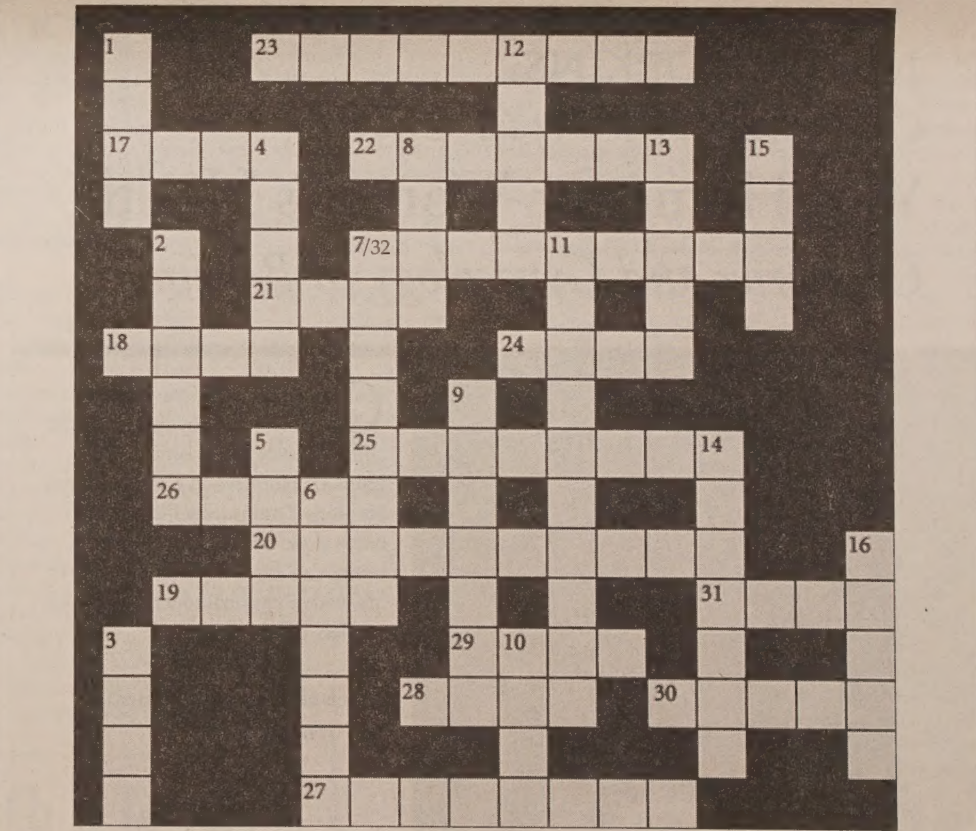
5		7	6	3			4	1
	1							
			9	1			7	3
7		9	4					
		2				1		
					6	7		8
2	6			5	9			
							3	
4	3			8	2	5		9

Random Information

by Natachi Chukumerije



Crossword



Down:

- Hopkins student cheering section.
- West African religion popular in the Caribbean.
- Proofreader's shorthand for "disregard."
- Coarse in texture.
- Slang term for the inappropriate older man looking up your skirt in MSE.
- The portion of the road on which vehicles travel.
- A stately dance of the 17th century.
- The consistency of unwashed hair.
- Delivery person.
- The favorite theme of the fraternity party.
- Business term in which employees are billed for what they use.
- The favorite location for Baltimoreans to sit
- A flock of birds.
- Mid-semester examination
- Formerly the transportation of the arabber.
- A mix (e.g. of ice cream, color).

Across:

- what Andrew Meyer felt in Florida.
- Showing a little skin, or our sex column on a good day.
- Favorite FOX News term or a "holy war."
- What the Coast Guard searches boats for
- The guttural noise a pack animal makes or a seaside resort in Ireland.
- The actions of Asimo, or many characters in Asimov.
- A handsome person.
- What many say venison tastes like.
- Old-time carriage open to the sky.
- Carreras' career.
- The state of the Duke Blue Devils to the Johns Hopkins Blue Jays.
- Heinlein's term for "understanding."
- The prefix of "a-Sketch."
- Latticework on which flowers are grown.
- Well-developed muscle.
- A decorative sofa covering.

The Secret Diary of O.J. Simpson

Sept. 14, 2007: Another fine day here in Las Vegas. Did some gambling with the guys. Did you know that the casino waitresses have to keep bringing you free booze for as long as you're still gambling? I like vodka with tonic. The bubbles really cut through the alcohol well so it doesn't burn my throat. I swear if one more waitress asks me if I'm sure I don't want something with juice in it, I will break her. Haha, no just kidding Diary, I'm working on cleaning up my image these days.

I'd better go to sleep early because I have a lot to do tomorrow. I've got to pick up my suit from the dry cleaner. Some ditz at a cocktail party spilled tartar sauce on it. I should stab her. Haha, of course I wouldn't do that Diary.

I've also got to get back some of my old sports memorabilia. Maybe I should pick up my gun from the dry cleaner too.

Sept. 15, 2007: Whoops! Getting my old stuff back turned out to be dicier than I thought it would be. But in the end, the Juice prevailed. Plus I got my stuff, and someone's back in the news. Sweet! Maybe I can parlay this into some more movie roles or something.

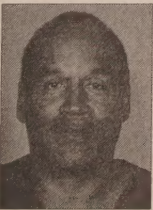
Also, I had a really great sandwich today. Turkey, swiss, mayo and mustard, the whole thing toasted. The thing that really put it over the top was some sun-dried tomatoes. They add a great little flavor burst and some textural intrigue.

Note to self: Use sun-dried tomatoes in cooking more. Maybe sun-dried tomatoes in smoothies?

Oh, hang on Diary, someone's knocking on my door really loudly.

Sept. 16, 2007: So now I'm in jail. I'm not totally worried, but I'd feel a little better about things if Johnnie Cochran were still alive. Maybe I should find whoever first discovered brain tumors and kill them in revenge. LOL of course I'm joking Diary! They're probably already dead.

Sept. 18, 2007: Have you seen my new mugshot? The smile's not bad, but my forehead looks so big



Adar Eisenbruch Let's Talk

and pointy. I look like a black Conehead.

Maybe someone will make a movie of my life and Dan Aykroyd will play me.

I wonder if I could get transferred to the same prison that Michael Vick is in. That way we could start a prison football league, just like in *The Longest Yard*.

I love that movie. Chris Rock is hilarious. And I'd totally love to be in the same prison as Adam Sandler. He has a pretty mouth. Oh my God Diary, stop saying those crazy things!

Sept. 19, 2007: They let me watch daytime TV here in prison. I had no idea that Ellen was so

great! She just has this effortless, casual charm about her. She's really funny, but without seeming like she's trying. And she's really down-to-earth. It's too bad for me that she's a lesbian. That Portia de Rossi is one lucky dyke. For now.

Sept. 20: Diary, sometimes life just gets so hard. Maybe I'll write another book and call it *If I Did It: How Officer Smoley Kept Running His Night Stick Against the Bars of My Cell and Earned Himself an Ass Whooping*.

Also they won't let me bring my AbRoller into my cell. I want to keep in shape like the other guys, but I'm 60 years old and my chiropractor said that free standing sit-ups are bad for my vertebrae.

Also by the looks of their grimaces when they sit down, it seems like some of the guards could seriously use a chiropractic adjustment themselves ... or an attitude adjustment! Oh Diary, if I didn't have this great sense of humor to keep my spirits up some people would seriously get hurt.

Sept. 21, 2007: You know what, Diary? Jail isn't all that bad. Most of the guys in here say that they really respect how I "got away with it" back in the '90s. Of course I have no idea what they're talking about!

And they all agree that it'd be great if we could get Adam Sandler and Chris Rock in here to start a prison football league. It does get lonely sometimes though. Especially at night, when it gets quiet, like in movies when it gets quiet at night. Sometimes Diary, I feel like you're my only true friend. I'm going to name you Heisman.

September 23, 2007:
Dear Diary,
I'm screwed, aren't I?

SPORTS

Hat trick helps men's soccer stay undefeated

CONTINUED FROM PAGE B12

defender and onto the ball, settled it, and took a blasting shot that ricocheted into the net off the cross bar.

Junior midfielder Matty Carlson tried to extend the lead by three, but Care blocked it, making the ball loose for Gauna to fire it past him into the net in the 49th minute. This made the score a solid 4-1, but it wasn't quite sweet enough.

Gauna completed his hat trick in the 54th minute to bring the score to 5-1, when he converted a penalty kick after Bukoski was fouled in the box.

Just 30 seconds later, Hopkins was up by five after the two connected for a second time in the game. Seven minutes later, Balfour booted in his second goal of the day, making it 7-1 when Bukoski took a long shot from the left side that Care blocked with his fast hands, but could not control the rebound.

Senior forward Mo Hamzeh finished up the scoring in the 83rd minute off a nice pass from freshman defender Rob Lehnhoff.

In addition to the Jays' strong offense, sophomore goalie Matt Mierley protected the net with vigor, finishing the day with three saves in the win for Hopkins. Hopkins out shot Haverford by a 33-5 margin and had ten corner kicks to Haverford's three.

Bukoski and Zeidan were each honored by the Centennial Conference this past week. Bukoski was named the Men's Soccer Offensive Player of the Week, and he leads the Blue Jays in both goals and points. Zeidan took Defensive Player of the week. He has helped lead a Blue Jays defense that outscored its opponents 14-1 in two games last week alone.

The Jays head to Allentown, Pa. on Saturday, Sept. 29 to face conference rivals Muhlenberg.



SHIV GANDHI/STAFF PHOTOGRAPHER

Mo Hamzeh, Akash Naik, and Even Giles outnumber the opponent at midfield.

Last second field goal chalks up another loss

In the last three tenths of a second, Moravian College kicks a winning field goal to beat the struggling Johns Hopkins 44-41.

By ERIC GOODMAN
For the News-Letter

When the Blue Jays (1-3, 0-2) took the field on Saturday afternoon versus the Moravian College Greyhounds (4-0, 2-0), they knew that they were playing under the microscope.

The team had only averaged 12 points per game, versus 25 allowed and was coming off a 31 point loss to Gettysburg. But in a game in which Hopkins scored more points than their previous three games combined, broke a kicking record, totaled 446 yards of offense, forced five fumbles and scored each of the seven times they reached the red-zone, fans were certainly treated to a much better game this week on a hot day at Homewood Field.

The Blue Jays started off the scoring early with an Alex Lachman 43-yard field goal, the first time this season that Hopkins scored on its first possession. From here on, it seemed to many spectators that the refs had switched to Teflon coated footballs.

The Greyhounds fumbled three plays into its first possession, the first of twelve fumbles for both teams in the game.

Senior defensive end Chris DiForte recovered the fumble for Hopkins at the Moravian 12-yard line, and three plays later (including one fumble by junior Chris Baldwin, which was recovered by the Blue Jays) Lachman came on and kicked his second field goal of the game to put the Blue Jays up 6-0.

The curse of the Teflon football continued. After a missed Moravian field goal, the Blue Jays, deep inside their own territory, botched a punt snap at the end of its next possession, giving Moravian great field position.

But a great defensive stop on the fourth down turned the ball right back over to Hopkins. Two plays later, sophomore running back Andrew Case fumbled after

a 20 yard rush, but the ball was recovered by the Jays. On the very next play, senior Corey Sattler rushed for a small gain but couldn't hold onto the ball and Greyhounds recovered. Moravian then failed to score as sophomore Colin Wixted forced a fumble at the JHU three-yard line.

Unfortunately for Hopkins, sophomore quarterback Michael Murray was sacked on the next play and fumbled the ball in the end zone where Moravian's Douglas Bocchino recovered the ball for a Moravian score, putting them up 7-6.

"That was an awful lot of hot potato being played," head coach Jim Margraff said.

But the Jays were resilient. Three plays into their next possession, Blue Jay quarterback Michael Murray completed a four yard pass to sophomore running back Andrew Kase, who then ran for 55 yards after the catch for the Jays' longest score of the season, and put the Jays back on top 13-7.

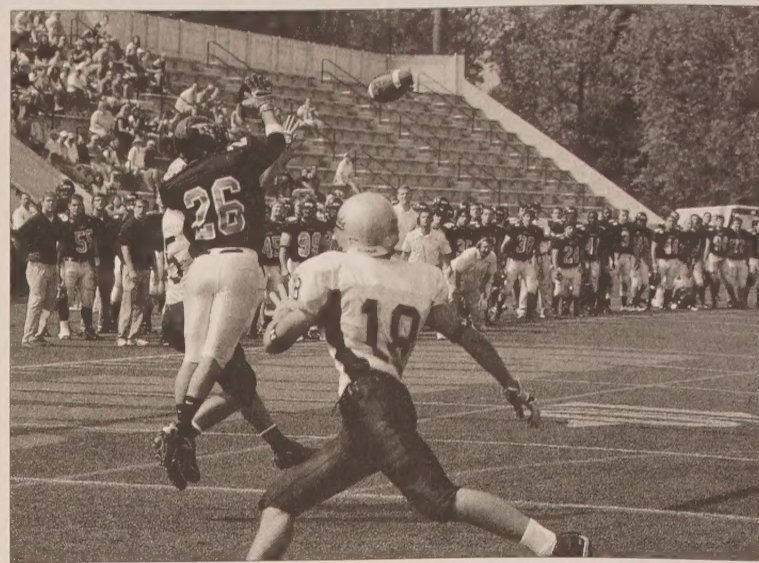
"As soon as I caught the ball and turned, I saw Corey Sattler double-back, and he made a great block to spring me free. After that, I was just hoping to make it to the end zone," Kase said.

Senior running back Phil Roberts, the Blue Jays' usual starter, suffered a knee injury in practice and will not play again this season. However, Kase embraced the starting role and delivered an incredible performance, rushing for 170 yards on 23 carries, an average of 7.1 yards per carry. Kase recognized how big the loss of Roberts was.

"Losing Phil is huge," Kase said. "He's a great running back and you can't replace someone like that. Hopefully we can keep moving forward, overcome and improve as the season progresses."

Moravian struck next after recovering a fumble on a Hopkins punt return, scoring a touchdown two plays later. After trading off their next possessions, Lachman tacked on a 30-yard field goal with one minute left in the first half.

The Greyhounds then drove the length of the field and com-



SHIV GANDHI/STAFF PHOTOGRAPHER

Senior defensive back Dan Requena attempts to pick off a Moravian pass in Blue Jay Territory.

pleted a 22-yard touchdown pass with two seconds left to go ahead 21-16 at halftime. The Greyhounds came out racing after halftime, scoring a touchdown 50 seconds into the half, but failing on a two point conversion attempt.

On the Jays' next possession, Kase rushed for 40 yards on six carries but Hopkins failed to get into the end zone and Lachman came in and nailed his fourth field goal of the game, tying a Hopkins record set by All-American Ben Scott last year versus Gettysburg. Lachman also broke the Hopkins single game scoring record for a kicker with 15 points and was named Centennial Conference player of the week for the second time.

Hopkins tied the score soon thereafter. After forcing a Moravian fumble, the Jays scored five plays later and converted the two point conversion to tie the score at 27.

After trading off scores for the next three possessions, the Greyhounds held a 41-34 lead. Moravian had possessions after a Hopkins punt, but fumbled two plays into the possession, giving Hopkins a chance to tie the game.

After driving down the field, the Jays showed what they were made of on a third down and seven from the Moravian 10 yard line. Murray threw a lob pass to the right corner of the end zone, and freshman wide receiver Tucker Michaels reached

over two defenders and kept himself in bounds for the score. Lachman's extra point tied the game at 41. That was Murray's third touchdown pass of the game. Murray threw for a career-high 233 yards. The Blue Jays had worked on that play in practice, but the high-pressure situation made it that much more intense.

"The pass to Tucker was a play we had been working on a bunch throughout the week. It's the type of route that just takes work to get the correct timing and location, so I'm glad the work paid off for us," Murray said.

"I wasn't really worried about the situation, I just tried to get the offense in the correct play and give Tucker a chance at bringing the ball in for a touch," he added.

But unfortunately, Moravian had the last hurrah. With one final possession and just under 1:27 to complete it, the Greyhounds, aided by a defensive pass interference and 23 passing yards, kicked a 34 yard field goal with three tenths of a second left to give Moravian the victory, 44-41.

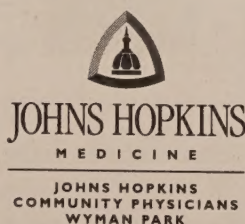
"We're going to play a lot of close games in a competitive conference and you have to enjoy being in those situations. You want to be in those situations and this one didn't work our way. There will be more to come and we'll give it our best shot next time too," Margraff said.

The Blue Jays face Muhlenberg next week in Allentown at 1 p.m.

JOHNS HOPKINS COMMUNITY PHYSICIANS Your Home for Women's Health *Obstetrics and Gynecology in Baltimore*

One of the most trusted names in medicine is providing obstetric and gynecologic care on the Johns Hopkins Homewood Campus. Johns Hopkins Community Physicians offers close, caring and convenient health care for women in all stages of life, with a personal touch that makes you feel right at home.

To schedule an appointment,
call: 410-338-3758



Please join us for an Open House on **Thursday, October 4th from 10 a.m. to 2 p.m.** to meet our physicians and staff and enjoy light refreshments at our newly renovated Wyman Park location.

Our Wyman Park Location
3100 Wyman Park Drive, Suite 115
Baltimore, MD 21211

Obstetric and gynecological care in the Baltimore area is also provided at our Canton Crossing, Green Spring Station and East Baltimore Medical Center locations.

Close. Caring. Convenient.
www.hopkinsmedicine.org/jhpc

Women's soccer frozen by Frostburg State

By ASA BEAL
For the News-Letter

Entering their Sept. 21 game at Frostburg State, the Hopkins women's soccer team had not lost on the road and was riding the high a convincing three-game winning streak. During that streak the Lady Jays did not allow a goal and outscored their opponents 14-0 including a crushing 9-0 victory over the Washington College Shorewomen.

"We were definitely on a good roll," junior defender Jane O'Connor said. "We had confidence going into all the games and that translated into winning, which is what we need to do this season."

Indications of a fourth straight win appeared early for Hopkins. Within the first minute of play, the Jays scored. Junior midfielder Molly Steele pounded the ball into the back of the net after she was set up for a header by the well-placed corner kick of teammate junior midfielder Lisa Irizarry.

The timely goal brought Steele's season total up to five, which leads the team.

Leo Weil is in his 16th season as Lady Jays head coach and boasts a decade of consecutive playoff appearances including recent strong showing in the NCAA tournament. Weil acknowledged the importance of striking first, but emphasized that how the team played after scoring was crucial.

"It [the goal] was a great start," Weil said. "We should have seized that momentum but we let the other team get back into it."

The Blue Jays played decently for most of the first half. After scoring in the first minute, the ladies continued their offensive

efforts by doubling Frostburg State's shot total throughout the rest of the half.

Despite their many opportunities, the Lady Jays could not increase their lead. As the half wore on, the Hopkins defense faltered as well. Senior defender Johanna Chapin pointed out some problems that ailed her team during the first half.

"We were playing a little timid, a little scared and we made

Our intensity dropped and we didn't really adjust to how they attacked.

— JANE O'CONNOR

some mistakes in the back which discouraged us," Chapin said. "We let them take control of the pace of the game with a lot of breakaways and through balls in our midfield and defense."

Frostburg State finally put the pieces together on offense with a 44th minute goal that equalized the score. The Jays defense was beaten by freshman forward Stephanie Parker, who chipped her strike over the helpless Hopkins' goalkeeper, senior Kerry Hamilton. Parker, from nearby Dundalk, Md., set the tone for the rest of the game, in which her teammates would find three more openings in the Blue Jay defense.

Weil and his ladies went into halftime with a level score, but the team knew they needed to regain the momentum after the Bobcats' penetration of his team's rear line.

Unfortunately for the Jays,

Frostburg came out of halftime firing, and firing true. In the 47th minute, junior Bobcat Jackie Donovan found freshman Lauren Russell, who put away what would turn out to be the game's decisive goal.

Hopkins struggled throughout the second half. "After they scored their second goal we had to play with a sense of urgency instead of at our own pace," Chapin said.

FSU capitalized on their control of the match and poured it on in the closing minutes. Heather Fleishell became the third Frostburg freshman to find the net when she nodded in a cross for her fourth goal in as many games.

O'Connor reflected on her team's inability to tame the Bobcats' offensive assault.

"Our intensity dropped and we didn't really adjust to how they attacked," O'Connor said.

Despite the lopsided score line at the end of the game, Hopkins came into the game as clear favorites. The Lady Jays walked onto the field with a national Division III ranking of 18, into the contest at Frostburg. The ranking is according to D3Kicks.com, considered the authority on Division III soccer. Friday's loss to Frostburg loss dropped Hopkins to 5-2-1 and will most likely drop the team in the pending national ranking poll.

Rankings aside, the Lady Jays know that conference games are the most important. Nine out of Hopkins' next 10 games are against conference foes.

"It's all about what we do in the conference," Weil said. "We want to repeat as champs."

On Saturday, the team travels to Pennsylvania to face Haverford.

SPORTS

Fantasy Insider Week 3:
One for the record books

By **DEMIAN KENDALL**
Sports Editor

Week 3 was a week for the record books. Kevin Curtis tied the record for most receiving yards in the first half, Brett Favre tied Marino's passing touchdown record (please retire now Brett), and for the first time in my fantasy football career, I've started a season 3-0.

There is no trophy on my shelf and I have yet to sign any autographs, but I have achieved the best tool a fantasy manager can have: solitary undefeated status and the bragging rights that come with it. If you too have reached this pinnacle of success, or if you wish to knock some cocky 3-0 braggart off his pedestal, here's some tips for Week 4.

Studs : *Kevin Curtis, WR* — There's only one word to describe Philadelphia Eagle Kevin Curtis' performance on Sunday: beastly. In the first half of the game against Detroit, Curtis pulled in 205 receiving yards, tying Lee Evans' record of last year. Curtis finished the game as the NFL's statistical leader with 11 catches for 221 yards and three touchdowns. Philadelphia, for the first time in franchise history, had a 100-yard rusher (Westbrook), a 200-yard receiver (Curtis) and a 300-yard passer (McNabb) in one game, sadly giving loudmouth Eagles fans more reason to run their mouths.

Ronnie Brown, RB — Many speculated that this Miami running back would be soon replaced after his first two relatively dismal weeks. Ronnie Brown put those rumors to bed with his performance against division rival New York Jets on Sunday. Brown found the end zone three times with two rushing TDs and one receiving. His rushing yards totaled 112 and he caught six passes for 99 yards, making Brown a great asset for leagues who grant points for receptions.

Duds : *Steve Smith, WR* — Steve Smith must have gotten cocky after being named in last week's Studs category. Putting the Carolina receiver's Week 2 and Week 3 performances side by side makes him seem like a different person. Smith pulled in only one catch for 10 yards against the Atlanta Falcons defense. It's too early to consider trades or drops for the former Pro Bowl receiver, especially considering his monumental first two games, but keep an eye on him in upcoming weeks.

Larry Johnson, RB — An LJ owner myself, I panicked when he decided to hold out in the preseason. After three weeks of

play, I'm panicking because he has yet to play a decent game. Johnson is currently averaging a depressing 2.8 yards per carry and has yet to find the end zone. Yes, Kansas City has faced three of the top rush defenses in the league in Houston, Chicago and Minnesota, but no, LJ's numbers should not be this low. Historically, Johnson has been a back who peaks late and peaks high. So, LJ owners, don't fire the escape pods just yet; but if Johnson doesn't show up soon, it may be time to consider some action.

Sleepers and Surprises : *Roddy White, WR* — Truth be told, I hadn't even heard of Roddy White until I saw him explode against Carolina. White, who didn't even start in Atlanta's season-opener, had his first 100-yard game against the Panthers, pulling in seven catches for 127 yards and a touchdown. White is worth a look as a free agent pick-up, but given the inconsistency of Atlanta quarterback Joey Harrington, I'd wait a while before giving him a starting spot.

Earnest Graham, RB — When Carnell "Cadillac" Williams, the starting Tampa Bay running back, went down with a rib injury in the fourth quarter, back-up Earnest Graham wasn't given much time to prove himself. In a mere quarter, however, Graham rushed for two touchdowns and 75 yards in only eight carries. Although Cadillac is still listed as the starter, head coach Jon Gruden has shown an interest in getting Graham more carries. The extent of Cadillac's injury is currently unknown, but if it proves to be serious, Graham is a serious consideration for any fantasy owner. Even if he remains a back-up, or a third-down and goal line back, Graham could be a Marion Barber-type player, more valuable than the starter.

Demian's Fantasy Rule #3: The end of Week 3 in the fantasy football season marks the time to start bragging. If you're undefeated, your team has proven its talent and it's time to start letting the world know it.

If you live in a freshman dorm where people hang dry-erase boards on their doors, I suggest recording your success on each of the boards in your hall, followed by the words "I Rule!"

For the rest of you, a simple banner stretched across Charles Street or a town crier with a megaphone perched atop the Johns Hopkins sign are also effective ways to flaunt the glory you've achieved.



COURTESY OF
[HTTP://WWW.SPORTSLINE.COM](http://www.sportsline.com)
Larry Johnson is averaging a mere 2.8 yards a carry and has yet to score a TD.

ATHLETE OF THE WEEK
COLLIN ANDERSON, ULTRA-MARATHON RUNNER

If only you could run 100 miles in his shoes

By **MARY DOMAN**
Sports Editor

How did Collin Anderson end his 20th birthday? "I went to the bathroom, threw up and went to bed." Does this sound like a typical birthday? Maybe for most, but not for junior ultra-marathoner Collin Anderson.

Let me run this by you: For his birthday, Anderson traveled 100 miles by foot. Come again? Collin Anderson ran 100 miles in one day. 100 miles. Repeat this, oh, say ... 100 times, and maybe, just maybe, you'll get an idea of what goes on in the mind of a man who runs ultra-marathons.

"What do I think about when I run? Usually I just think about running," Anderson said.

Now, if you just combine that mental activity with the physical pain of running for 23 hours and nine minutes straight, you'll really start to get a feel for what it's like to be in Anderson's shoes.

But before you slip those on, remember that Anderson's shoes have run four marathons and four ultra-marathons in the past year. Most would say (pun aside) that this is no easy feat. Just how could Anderson, a non-varsity BME Hopkins student run that much? How could anyone run that much? And perhaps more importantly, why would Anderson (or anyone) run that much?

"I want to see what I can physically do," Anderson said as he took a bite of his Subway tuna sandwich. He'd just gotten back from a 10- to 12-mile run, and is still wearing his running gear as we sit on St. Paul St. — I, with my glasses, notepad and Converse, and he with his reflective-strip hat, "street-running" shoes, shorts, spandex and sleeveless shirt. He thinks as he chews. "I guess it's just fun. Well, not really fun. That would be a lie if I said it was fun," he said. And finally, "I don't really know why I do it."

Anderson's motives for running have always been a bit unusual. He started running only four years ago. Why? Because he had a crush on a fellow French-

camper who ran in the mornings. Though the two's romance didn't last past the summer, Anderson's love for running was sparked that fateful summer and continued through his last years of high school and into college.

Last October, Anderson ran

his aforementioned birthday, of which he only spent 51 minutes not running.

And of those 51 minutes, let's not forget, Anderson dedicated a considerable amount being sick to his stomach and sleeping. "I decided most people do dumb

"It's a consuming sport," he said.

He also trains daily. "If I take more than a day off, I just don't feel right. My body gets jittery." You'll catch him (that is, if you can keep up) running all over the city of Baltimore, trekking 20-plus miles just as a short run.

In his longer runs, Anderson has picked up a few quick rewards. So far he's the youngest person to finish the Lean Horse race by four years, and also holds the Minnesota record for age 19 and under longest distance run in 12 hours. His favorite prize — and birthday present-may be the gold Lean Horse belt buckle he wears regularly.

For Anderson, though, belt buckles and broken records just aren't enough. A few finish lines he'd like to cross include the Hellgate race this December (a 66.6 mile race through snow and ice), the Badwater race (135 miles from Death Valley to Mt. Whit-

ney), and, ultimately, a 350-mile world record-breaking distance run. "I might die before I can run that far. But I think I might be able to do it."

Collin Anderson ran 100 miles on his 20th birthday, plans on running 210 on his 21st, and accordingly, will shoot for 350 by the time he's 35 — assuming he doesn't die, of course. If you see him on campus, you may want to ask for an autograph before it's too late.

As he finishes his sandwich and prepares himself for a night of chemistry homework, Anderson finally reveals that there is some sort of reason behind his running.

"The feeling of finishing a long race is just so emotionally gratifying," he said. "I'm in no position to be any sort of spokesperson or motivator, but I think everyone should run a marathon in their life," he said.

"And if you like it, go for an ultra-marathon. Then I'll have someone to run with."



CONOR KEVIN/STAFF PHOTOGRAPHER
On Monday, Anderson took a daily run of over twenty miles. He claims he got lost on the east side of Baltimore.

things to their bodies on their birthdays, so I might as well too."

Though he may act dumb towards his body by running extreme distances, whenever he's not running, Anderson's playing it smart with his physique. Skip the birthday cake — Anderson eats plenty of organic and whole-wheat foods, and pasta at least five times a week. "And of course my fruit and veggies," he said, opening his Subway apple slices.

"During the race, though, I can eat just about anything and not upset my stomach. I eat a lot of fatty foods just to keep up my calories," he says. In contrast to the previous list of health foods, Anderson also has a list of running foods which he eats on the go — like 12 packs of donuts. He also swallows a salt capsule every hour during a marathon to replace the salt he loses through sweat. During the Lean Horse race, he ate raw coffee beans to stay awake.

Anderson's playing it smart with his physique. Skip the birthday cake — Anderson eats plenty of organic and whole-wheat foods, and pasta at least five times a week. "And of course my fruit and veggies," he said, opening his Subway apple slices.

"During the race, though, I can eat just about anything and not upset my stomach. I eat a lot of fatty foods just to keep up my calories," he says. In contrast to the previous list of health

foods, Anderson also has a list of running foods which he eats on the go — like 12 packs of donuts. He also swallows a salt capsule every hour during a marathon to replace the salt he loses through sweat. During the Lean Horse race, he ate raw coffee beans to stay awake.

Anderson's playing it smart with his physique. Skip the birthday cake — Anderson eats plenty of organic and whole-wheat foods, and pasta at least five times a week. "And of course my fruit and veggies," he said, opening his Subway apple slices.

"During the race, though, I can eat just about anything and not upset my stomach. I eat a lot of fatty foods just to keep up my calories," he says. In contrast to the previous list of health

foods, Anderson also has a list of running foods which he eats on the go — like 12 packs of donuts. He also swallows a salt capsule every hour during a marathon to replace the salt he loses through sweat. During the Lean Horse race, he ate raw coffee beans to stay awake.

Anderson's playing it smart with his physique. Skip the birthday cake — Anderson eats plenty of organic and whole-wheat foods, and pasta at least five times a week. "And of course my fruit and veggies," he said, opening his Subway apple slices.

"During the race, though, I can eat just about anything and not upset my stomach. I eat a lot of fatty foods just to keep up my calories," he says. In contrast to the previous list of health

foods, Anderson also has a list of running foods which he eats on the go — like 12 packs of donuts. He also swallows a salt capsule every hour during a marathon to replace the salt he loses through sweat. During the Lean Horse race, he ate raw coffee beans to stay awake.

Anderson's playing it smart with his physique. Skip the birthday cake — Anderson eats plenty of organic and whole-wheat foods, and pasta at least five times a week. "And of course my fruit and veggies," he said, opening his Subway apple slices.

"During the race, though, I can eat just about anything and not upset my stomach. I eat a lot of fatty foods just to keep up my calories," he says. In contrast to the previous list of health

foods, Anderson also has a list of running foods which he eats on the go — like 12 packs of donuts. He also swallows a salt capsule every hour during a marathon to replace the salt he loses through sweat. During the Lean Horse race, he ate raw coffee beans to stay awake.

Anderson's playing it smart with his physique. Skip the birthday cake — Anderson eats plenty of organic and whole-wheat foods, and pasta at least five times a week. "And of course my fruit and veggies," he said, opening his Subway apple slices.

"During the race, though, I can eat just about anything and not upset my stomach. I eat a lot of fatty foods just to keep up my calories," he says. In contrast to the previous list of health

foods, Anderson also has a list of running foods which he eats on the go — like 12 packs of donuts. He also swallows a salt capsule every hour during a marathon to replace the salt he loses through sweat. During the Lean Horse race, he ate raw coffee beans to stay awake.

Anderson's playing it smart with his physique. Skip the birthday cake — Anderson eats plenty of organic and whole-wheat foods, and pasta at least five times a week. "And of course my fruit and veggies," he said, opening his Subway apple slices.

"During the race, though, I can eat just about anything and not upset my stomach. I eat a lot of fatty foods just to keep up my calories," he says. In contrast to the previous list of health

foods, Anderson also has a list of running foods which he eats on the go — like 12 packs of donuts. He also swallows a salt capsule every hour during a marathon to replace the salt he loses through sweat. During the Lean Horse race, he ate raw coffee beans to stay awake.

Anderson's playing it smart with his physique. Skip the birthday cake — Anderson eats plenty of organic and whole-wheat foods, and pasta at least five times a week. "And of course my fruit and veggies," he said, opening his Subway apple slices.

"During the race, though, I can eat just about anything and not upset my stomach. I eat a lot of fatty foods just to keep up my calories," he says. In contrast to the previous list of health

foods, Anderson also has a list of running foods which he eats on the go — like 12 packs of donuts. He also swallows a salt capsule every hour during a marathon to replace the salt he loses through sweat. During the Lean Horse race, he ate raw coffee beans to stay awake.

Anderson's playing it smart with his physique. Skip the birthday cake — Anderson eats plenty of organic and whole-wheat foods, and pasta at least five times a week. "And of course my fruit and veggies," he said, opening his Subway apple slices.

"During the race, though, I can eat just about anything and not upset my stomach. I eat a lot of fatty foods just to keep up my calories," he says. In contrast to the previous list of health

foods, Anderson also has a list of running foods which he eats on the go — like 12 packs of donuts. He also swallows a salt capsule every hour during a marathon to replace the salt he loses through sweat. During the Lean Horse race, he ate raw coffee beans to stay awake.

Anderson's playing it smart with his physique. Skip the birthday cake — Anderson eats plenty of organic and whole-wheat foods, and pasta at least five times a week. "And of course my fruit and veggies," he said, opening his Subway apple slices.

VITAL STATISTICS
Year: Junior
Major: BME

Hopkins Highlights:
Youngest person to finish Lean Horse 100 mile marathon

M. and W. Tennis teams start season with a bang

The Blue Jay tennis teams set their goals for the NCAA Championships following several strong performances at Invitationals

CONTINUED FROM PAGE B12
Not only did Myers and Roberti prove their individual talent, but as a team they claimed the doubles crown for the A.

"With a historic season last year, we have high expectations this year. Our first priority is to defend our Conference Championship. The regional ITA tournament down at Mary Washington will give us a good idea at where we stand regionally and nationally," senior Rafael Roberti said.

Now the team is looking not only to make the NCAA Championships, but to see if they can make it to the top eight teams.

Sophomore David Maldow said, "The fall season has continued in the way our spring season last year ended, with a lot of intensity and confidence ... our hopes are to make the top five by the end of the season."

"The focus has changed now that we have won the conference two times in the past three years with national invites and all six starters returning. We are looking more to compete nationally,"

Coach Willenborg said. The women's team is also starting strong, although they have more rebuilding after losing their number four and five start-

ers. All four doubles teams won the first round in the Championship Doubles bracket for the first time. Sophomore Anita Bhamidipati made it to the quarterfinals for



SHIV GANDHI/STAFF PHOTOGRAPHER
Dave Maldow (above) had an excellent performance at the Centennial Invitational.

ings stop them as they advanced to the semifinals before losing to Washington and Lee.

Sophomore Anita Bhamidipati made it to the quarterfinals for

singles, supporting the team after fourth seed Brittany Matava unexpectedly lost the first round. Matava would bounce back to win the consolation bracket.

Freshman Yasmine Elamir made it to the round of 16 before losing to the number one seed, and freshman Abby Dwyer beat Hopkins rival Swarthmore in her first collegiate tournament.

Of Matava's loss, Coach Willenborg said, "She had a tough draw, but has played well for the past years. Teammate Anita picked up the slack, which is what teams do. Freshmen Yasmin and Abby are picking up some of the slack from losing two of our starters."

"The freshmen this year have a lot of talent and our team is really deep. I'm sure we will dominate our conference again and make it to the later rounds in the NCAA tournament, and a couple players should make it to nationals individually," junior Debbie Blass said.

The men's team plays this weekend at the ITA tournament, while the women play at Desales and Elizabethtown on Saturday.

AROUND THE LEAGUE

Men's Soccer

9-0-0 record
Ranked 8th in NSCAA
Ranked 3rd in D3Kicks.com

Women's Soccer

6-2-1 record
Ranked 18th in NSCAA
Ranked 18th in D3Kicks.com

Field Hockey

5-1 record
Ranked 11th NFHCA

Water Polo

3-6 record
Ranked 1st in CWPA DIII
Ranked 20th CWPA Top 20

Women's Cross-Country

Ranked 21st (USTFCCA)

Men's Cross-Country

Not ranked

Football

1-3 record

Volleyball

15-3 record

SPORTS

THIS DAY IN SPORTS

1919 -- Johnny Pesky, former Red Sox and the namesake of "Pesky's Pole" in Fenway Park was born.

1999 -- The last professional baseball game is played at Tiger Stadium in Detroit, Michigan.

CALENDAR

SATURDAY

W. Lacrosse vs. Delaware 1 p.m.
W. Tennis vs. Desales 11 a.m.

MONDAY

W. Soccer vs. TCNJ 4 p.m.

M. and W. Tennis teams start season with a bang

By EILEEN LILLY
News-Letter Staff Writer

Both the men's and women's tennis teams started the year with strong single and double performances from their returning players as well as new freshmen. Coming off of a strong season where both ranked nationally, the teams looked confident in their first tournament of the year, and followed through on their high seed numbers by dominating both the single and double competitions.

For the men's team, sophomore All-American David Maldow returned to capture the singles crown at the Centennial Conference Invitational. Not only did the Hopkins tennis team begin the season with the singles crown, but Maldow's opponent was his fellow teammate and freshman prospective Andrew Wang.

In his first collegiate tournament, Wang impressed his team and coach with his seamless adjustment. Not only did Wang place second in the singles, but in the doubles round he paired up with Maldow. The sophomore leader and freshman talent performed well together in their first tournament as a pair. They made it to the quarterfinals before being defeated by Washington.

Coach Chuck Willenborg said, "For a freshman to come and compete at this level is great. I wanted to see how they [Wang and Maldow] played together, and they seemed like they were a confident pair."

Senior Rafael Roberti and sophomore Dan Myers competed at the Goucher Invitational. Both Hopkins players made it to the championship match to give the team another dominating win.

CONTINUED ON PAGE B11



SHIV GANDHI/STAFF PHOTOGRAPHER
Junior Brittany Matava hits a hard overhead shot to win the consolation bracket.

Undefeated men's soccer nets Haverford 8-1

By KATIE MOODY
For The News-Letter

The number nine ranked Hopkins (9-0-0) men's soccer team rolled over the competition last Friday when they defeated Centennial Conference rival Haverford (1-5-1) in a blow-out final score of 8-1. Not only did the victory improve their conference record to 2-0-0, but it also marked their 53rd Centennial Conference win at Homewood Campus.

Junior midfielder Nick Gauna, who scored his very first college career hat trick, put points on the board for the Blue Jays in the first 10 minutes of play. The point was scored after Junior midfielder Akash Naik one-touched the ball to Gauna. He collected his own rebound off Haverford goalie Adam Care, giving them the early 1-0 lead.

Shortly afterward, however, Haverford junior midfielder Eric Kissinger responded with a goal off a Hopkins turnover to tie the score 1-1 in the 13th minute. Kissinger ran onto the loose ball and scored when he booted a low shot into the right corner.

As expected from a 9th ranked team, the Jays responded, taking the lead again in the 17th minute of the game when freshman forward Scott Bukoski sent a short ball out to Gauna, who then touched it back to him. Bukoski dribbled to the top corner of the box and slammed it inside the left post for a goal.

The Jays headed into halftime with a slight edge, high hopes and adrenaline rushing. The team went over the first 45 minutes in general terms: Stay tight on defense; get those rebounds;



SHIV GANDHI/STAFF PHOTOGRAPHER
Senior forward Ben McAbee takes the ball upfield as the Blue Jays decimate the Haverford Black Squirrels in Friday's game.

help each other out; Stick to your man.

They knew they had to step it up a bit in order to ensure that their perfect record wouldn't be tainted, and they did just that.

When the Jays took the field in the second half, they also took a two-goal lead. The first goal of the second half was delivered by sophomore midfielder Rami Zeidan, who

played a long ball into the box from the right touchline. The second was served by sophomore forward/midfielder Chand Balfour when he outran his

CONTINUED ON PAGE B11

INSIDE

Fantasy Insider Week 3:
Philadelphia's big week

Athlete of the Week:
Collin Anderson

Football loses shootout
against Moravian

This week spawned some record-breaking NFL performances, which could have spelled glory or tragedy for your fantasy team. Page B11.

He may not wear a Hopkins jersey, but this week's Athlete of the Week shows his dedication, spirit and sheer ability with each mile he runs. Page B11.

Despite the team's apparent downward spiral, Hopkins played their best game of the season to the nail-biting finish against Moravian. Page B10.

jammin'
at **NOLAN'S**

Nolan's Stage @ 9pm
Every Thursday Night
bring your friends & enjoy
the Hopkin's Jazz Trio.

**Coffee
Grounds**

Free Coffee & Doughnuts
Hang Out @ Nolan's
Every Friday 10pm to 1am

**SATURDAY,
SEPTEMBER 29TH**

CAUSEWAY

Two singer songwriters combine influences of pop, folk, hip-hop, rock n' roll, and R&B to make their music.

www.myspace.com/causewaymusic



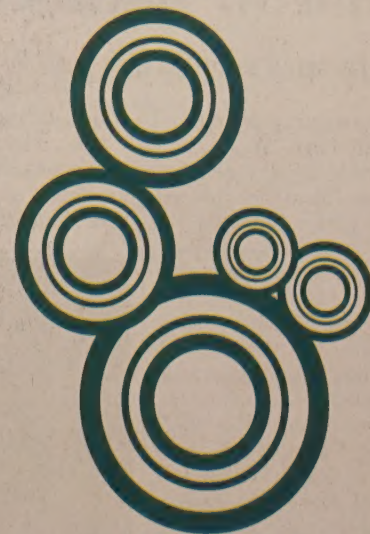
Causeway is a unique duo created by Barb Pecirep and Zach Hurd

NOLAN'S
ON 33RD

Located on the 3rd floor
of Charles Commons
- St. Paul Street Building -

Is your group planning an event?

If you want a great location and some assistance in planning your program contact Kelly at kdavies@hd.jhu.edu for information how you can host your event at Nolan's on 33rd!



Did you know that Nolan's is open to the entire campus community and accepts cash, credit cards, jcash & dining dollars?

For late night access use your JCard @ the 33rd St. entrance.



**1/2
PRICE
BURGER
NIGHT!**

For all Undergrads!
Every Thurs Night
from 9-11pm
Bring your JHU ID



**SUNDAY
NIGHT
FOOTBALL**

Catch the game on the BIG screen!
**Philadelphia
@ NY Giants**
Nolan's @ 8pm

MONDAY



FREE
Billiards Instruction
@ **NOLAN'S**
7-10pm

**Lyin' Low
@ Nolan's**

Need a quiet place to study?
Bring your books, notes & whatever else you need for some quiet study time.
Nolan's Private Dining Room
Tuesdays 9pm to close

THERE'S SOMETHING ON JUST ABOUT EVERY NIGHT OF THE WEEK @ NOLAN'S!